



# **Ripmax**

## **NEW ITEMS 2012**

**Futaba  
Transmitter  
Ready...**

FUTABA TRANSMITTER READY  
**FTR**  
**...in here!**

**Hundreds of  
Exciting New  
Products  
Inside!**





**Futaba 6J**  
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**Futaba 8J**  
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**Futaba 18MZ**  
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It's another exciting year for Ripmax... the launch of FTR - Futaba Transmitter Ready - is the beginning of something very special! Ripmax are introducing an ever-expanding range of models that have a Futaba S-FHSS 2.4GHz compatible receiver in them - with genuine Futaba code inside - that can be operated with their own transmitter, or a Futaba S-FHSS transmitter such as the 6J, the new 8J, the phenomenal 18MZ and all future Futaba S-FHSS radios. If you have an older FF7, 8 or 9 or 10C, you can use them too. Just fit a FTM/TH module (see page 65) and you're ready to enjoy FTR - Futaba Transmitter Ready!

[www.ripmax.com](http://www.ripmax.com)

# Ripmax

**2.4GHz**  
**S-FHSS**



**Futaba FTM/TH**  
**S-FHSS Module**  
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## NEW ITEMS 2012



NOTE: Unless clearly identified as 'Included' in the specifications or text, all models are supplied without radio and power system (i.e. engine or motor) and require further items to complete. We may offer recommendations as to suitable motors, engines and radios for the models we are featuring but these are not included. Most of the models shown are supplied Almost Ready to Fly or operate and only require final assembly. For further information see [www.ripmax.com](http://www.ripmax.com)

E&OE. Whilst every effort has been made to guarantee the accuracy of this publication, it is inevitable that some errors may occur during its production. Ripmax Ltd can accept no responsibility for losses or damages caused. Prices shown are intended as a guide only. Please check with your local dealer for current prices.

# AXION RC

Just when you thought you'd seen everything... along comes these stunning Axion micro gliders! Moulded from tough, lightweight foam and powered by a tiny pusher motor, they charge from their included 2 channel 27MHz transmitters and come completely ready to fly. Due to their tiny size, the included radio features nice and simple, non proportional rudder and throttle control.

- Scale Painted Colour Scheme
- Coreless Motor
- Built in Li-Po Battery
- 12 Minute Flight Times
- Carbon Fibre Re-Inforced Wing
- 2 Channel Radio Included
- Charger Built-In to the Transmitter
- Desktop Display Stand Included

**Perfect for  
Calm Summer  
Evenings!**

**27MHz  
Micro  
Giders!**

**Desktop  
Display  
Stand  
Included!**

## ASH 31 Mi RTF 27MHz

Wingspan:	630mm
Length:	250mm
Weight:	21.5g

**A-AX-00100 ASH 31 Mi RTF 27MHz ..... £39.99**

## DISCUS-2T RTF 27MHz

Wingspan:	550mm
Length:	250mm
Weight:	21.5g

**A-AX-00102 Discus-2T RTF 27MHz ..... £39.99**

## ASK 21 RTF 27MHz

Wingspan:	500mm
Length:	250mm
Weight:	21.5g

**A-AX-00103 ASK 21 RTF 27MHz ..... £39.99**

## VENTUS-2CXT RTF 27MHz

Wingspan:	640mm
Length:	250mm
Weight:	22g

**A-AX-00101 Ventus-2CXT RTF 27MHz ..... £39.99**



### VENTUS 2CXT RTF 2.4GHZ MODE 2

Similar to the Micro Series gliders this Ventus 2CXT has 2 additional features. For ease of use the canopy flips up and you can replace the battery so you don't have to wait between charges (using its dedicated charger). It's also supplied on 2.4GHz and comes complete with the Axion AX-4 SR FHSS transmitter for the perfect link between you and model.

Wingspan:	640mm
Length:	250mm
Weight:	25g



**2.4GHz Radio Included!**



A-AX-00115-M2 Ventus 2CXT RTF 2.4GHz Mode 2 ..... £59.99

### AIRHOPPER RTF 2.4GHZ MODE 2

Perfect for the newcomer, the Airhopper offers incredible value for money and great flying characteristics. Topped off with robust tricycle undercarriage and striking colour scheme, who can resist? Airhopper is supplied with the AX-4SR 2.4GHz transmitter which also has a built in charger to charge the model's flight battery.

- Perfect for newcomers
- Completely assembled and flight-ready
- Made in lightweight 'Styrotech' foam
- High-end 2.4GHz FHSS technology
- Efficient geared motor

Wingspan:	415mm
Length:	280mm
Weight:	28g



A-AX-0110-M2 Airhopper RTF 2.4GHz Mode 2 ..... £59.99

### TL-3000 SIRIUS

**See it flying on YouTube:**  
[www.youtube.com/ripmaxltd](http://www.youtube.com/ripmaxltd)



Don't be put off by its tiny, 445mm wingspan... this is a BIG performer! Highly manoeuvrable and bags of fun, it comes complete with high quality 2.4GHz radio, 1S 350mAh Li-Po and USB quick charger. Its lightweight foam airframe needs just 5 minutes of simple assembly, then charge and fly. Simple as that!

- Assembles in Under Five Minutes!
- Moulded in Strong, Lightweight Foam
- High Quality AX-4CT 2.4GHz Transmitter Included with the RTF Version
- 1S Li-Po and USB Charger Included

Wingspan:	445mm
Length:	340mm
Weight:	68g



**2.4GHz FHSS AXION LINK**

A-AX-00120-01M2 TL-3000 Sirius RTF 2.4GHz Mode 2 ... £89.99





**I-15 POLIKARPOV**



**2.4GHZ FHSS AXION LINK**

**AXION RC**

Modelled on the formidable 1930s Soviet fighter, Axion RC have produced a real gem of an aircraft with amazing flying characteristics. Sporting a colour scheme of that of the Spanish Republican Air Force, it is available complete ready to fly with high quality 2.4GHz radio, Li-Po and USB charger or in 'Link and Fly' format without transmitter if you already own an AX-4CT.

- Can be Assembled in Under 5 Minutes!
- Lightweight, Moulded Construction
- Factory Fitted Motor, Servos and Receiver/ESC
- Supplied with 1S 350mAh Li-Po and USB charger

<b>A-AX-00125-01M2</b>	<b>I-15 Polikarpov RTF 2.4GHz Mode 2....</b>	<b>£89.99</b>
<b>A-AX-00125-02</b>	<b>I-15 Polikarpov 2.4GHz Link &amp; Fly.....</b>	<b>£49.99</b>

Wingspan:	500mm
Length:	365mm
Weight:	78g

**Rarely Modelled Subject!**

**AT-6 TEXAN RTF**



**2.4GHZ FHSS AXION LINK**

**AXION RC**

The Texan A-T6 is an American designed training aircraft which first saw use during World War II. Accurately replicated in foam by Axion with a distinctive Orange colour scheme and supplied ready to fly with 2.4GHz RC or as 'Link and Fly' format without transmitter if you already own an AX-4CT. A delight to fly, the A-T6 comes complete with 350mAh Li-Po and factory installed 2 in 1 receiver and ESC unit, two 2g nano servos and powerful coreless motor. The included charger operates from any USB outlet and once charged, the Li-Po can be installed in its bay without removing the wing.

- Assembles in Under 5 Minutes!
- Lightweight, Moulded Construction
- Factory Fitted Motor, Servos and Receiver/ESC
- Supplied with 1S 350mAh Li-Po and USB charger

<b>A-AX-00130-01M2</b>	<b>AT-6 Texan RTF 2.4GHz Mode 2.....</b>	<b>£89.99</b>
<b>A-AX-00130-02</b>	<b>AT-6 Texan 2.4GHz Link &amp; Fly.....</b>	<b>£49.99</b>

Wingspan:	480mm
Length:	365mm
Weight:	75g

**The Classic U.S. Training Aircraft of WWII**



**SPITFIRE MK24 2.4GHZ**





- Full Range, High Quality Transmitter with Digital Trims
- Servo Reverse on all Channels
- Precision Gimbals
- Dual Rates
- V-Mix

Accurately moulded in Styrotech foam, the latest Axion scale aircraft is this terrific Mk24 Spitfire. With an exciting performance and surprisingly accurate outline, the Spitfire will delight the experienced pilot. Supplied ready to fly with 2.4GHz RC or in 'Link and Fly' format without transmitter if you already own an AX-4CT. The model comes complete with 350mAh Li-Po and factory installed 2 in 1 receiver and ESC unit, two 2g nano servos and powerful coreless motor. The included charger operates from any USB outlet and once charged, the Li-Po is installed via the removable canopy hatch so there's no need to remove the wing.

**A-AX-00135-01M2 Spitfire RTF 2.4GHz Mode 2 ..... £99.99**

**MESSERSCHMITT BF-109**





- Full Range, High Quality Transmitter with Digital Trims
- Servo Reverse on all Channels
- Precision Gimbals
- Dual Rates
- V-Mix

What better model to dogfight with the Spitfire than its adversary, the formidable Bf-109? Supplied ready to fly with 2.4GHz RC or in 'Link and Fly' format without transmitter if you already own an AX-4CT. The model comes complete with 350mAh Li-Po and factory installed 2 in 1 receiver and ESC unit, two 2g nano servos and powerful coreless motor. The included charger operates from any USB outlet and once charged, the Li-Po can be installed into its compartment via a removable hatch on the underside so you don't have to remove the wing.

**A-AX-00140-01M2 Messerschmitt Bf-109 RTF 2.4GHz M2..... £99.99**



## SKYWALKER - BRUSHED

- Full Range, High Quality Transmitter with Digital Trims
- Servo Reverse on all Channels
- Precision Gimbals
- Dual Rates
- V-Mix

# AXION RC

2.4GHZ FHSS  
AXION LINK



With a wingspan of nearly a metre, the Skywalker is an impressive model in the air! Perfect for the newcomer, the Skywalker makes a great trainer as it is so stable a flyer and has a wide-track tricycle undercarriage for effortless ground handling. Supplied complete with a geared 370 class brushed motor, ESC (Electronic Speed Controller), 8.4v Ni-MH battery, mains charger and three 9g servos. Available in two formats - RTF (Ready to Fly) and Plug and Fly. The RTF version comes complete with high quality 2.4GHz FHSS transmitter and receiver, 7 cell Ni-MH battery and charger.

The Plug & Fly version requires your choice of transmitter and receiver, plus battery & charger.

**Motor,  
ESC and  
Servos  
are all  
Included!**

Wingspan:	900mm (35.4")
Length:	770mm (30.3")
Motor:	370 Class (Included)
ESC:	18A Brushed (Included)
Radio:	3 Channel
Servos:	3 x 9g (Included)
Ni-MH:	8.4v 800mAh (Included with RTF version)

A-AX-00200-01M2	Skywalker RTF 2.4GHz Brushed M2.....£114.99
A-AX-00200-03	Skywalker Plug & Fly Brushed.....£64.99

## SKYWALKER - BRUSHLESS

Just like the brushed version, the brushless Skywalker features a tough, lightweight Flexpor airframe.

It also comes complete with a powerful brushless motor and matching ESC, plus - in addition to rudder, elevator and motor control - it features ailerons for even greater manoeuvrability and control.

Available in RTF format complete with high quality 2.4GHz FHSS transmitter and receiver, 2S 1300mAh Li-Po battery and charger or as a Plug & Fly which requires your choice of transmitter and receiver, plus battery & charger.

- Almost Ready to Fly - requires simple final assembly.
- Moulded from lightweight, factory-finished Flexpor.
- Supplied complete with powerful brushed motor, ESC and servos factory fitted.
- RTF version supplied complete with 2.4GHz radio.

Wingspan:	900mm (35.4")
Length:	770mm (30.3")
Motor:	370 Class (Included)
ESC:	18A Brushed (Included)
Radio:	3 Channel
Servos:	3 x 9g (Included)
Li-Po:	2S 1300mAh (included with RTF version)

A-AX-00205-01M2	Skywalker-BL RTF 2.4GHz B'less M2..... £149.99
A-AX-00205-03	Skywalker-BL Plug & Fly Brushless..... £84.99



**Powerful  
Brushless  
Motor!**



## ALPHA 139 2X - BRUSHED



- Full Range, High Quality Transmitter with Digital Trims
- Servo Reverse on all Channels
- Precision Gimbals
- Dual Rates
- V-Mix

Wingspan:	1390mm (54.7")
Length:	900mm (35.43")
Motor:	400 Class (Included)
ESC:	18A Brushed (Included)
Radio:	3 Channel
Servos:	2 x 16g (Included)
Li-Po:	2S 1300mAh (included with RTF version)

With its distinctive appearance and rear facing motor, the Alpha 139 is perfect for novice/intermediate flying. Featuring a brushed motor and with rudder, elevator and throttle control, newcomers won't get into trouble too quick, yet more experienced pilots will still be able to enjoy the fun sprightly performance.

Moulded from tough, lightweight Flexpor foam, the Alpha 139 is available in two formats - RTF (Ready to Fly) and Plug and Fly. Both come complete with motor, ESC (Electronic Speed Controller) and servos. The RTF version comes complete with high quality 2.4GHz FHSS transmitter and receiver, 2S Li-Po battery and charger.

**A-AX-00210-01M2 Alpha 139 2X RTF 2.4GHz Brushed M2... £139.99**  
**A-AX-00210-03 Alpha 139 2X Plug & Fly Brushed..... £79.99**

The Plug and Fly version requires your choice of transmitter and receiver, plus battery and charger.

- Almost Ready to Fly - requires only simple final assembly.
- Moulded from lightweight, factory-finished Flexpor material.
- Supplied complete with powerful brushed motor, ESC and servos factory fitted.
- RTF version supplied complete with 2.4GHz radio, Li-Po battery and charger.

## ALPHA 139 3X - BRUSHLESS



Just like the 2X brushed version above, the 3X brushless Alpha 139 features a tough, lightweight Flexpor airframe. However, it also comes complete with powerful brushless motor and matching ESC, plus - in addition to rudder, elevator and motor control - the 3X also features ailerons for even greater manoeuvrability.

Perfect as an advanced trainer or ideal for sport pilots that are looking for an attractive aerobatic model that's also capable of operating out of a small field.

**A-AX-00215-01M2 Alpha 139 3X Brushless RTF 2.4GHz M2.£174.99**  
**A-AX-00215-03 Alpha 139 3X Brushless Plug & Fly..... £102.99**

**Powerful  
Brushless  
Motor and  
18A ESC  
Included!**

Wingspan:	1390mm (54.7")
Length:	900mm (35.43")
Motor:	Brushless Inrunner (Included)
ESC:	18A Brushless (Included)
Radio:	4 Channel
Servos:	4 x 16g (Included)
Li-Po:	2S 1300mAh (included with RTF version)

As with the 2X, the 3X Alpha 139 comes in RTF format with factory installed Axion 2.4GHz FHSS radio, 2S 1300mAh Li-Po and charger. The Plug and Fly version requires your choice of transmitter and receiver, plus battery and charger.



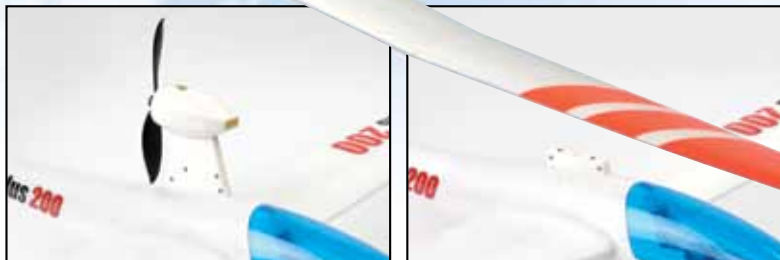
**CUMULUS 200 2X**

- Full Range, High Quality Transmitter with Digital Trims
- Servo Reverse on all Channels
- Precision Gimbals
- Dual Rates
- V-Mix

Wingspan:	2000mm (78.8")
Length:	750mm (29.5")
Motor:	370 Class (Included)
ESC:	Brushed (Included)
Radio:	3 Channel
Servos:	2 x 9g (Included)
Li-Po:	2S 1300mAh (included with RTF version)

**AXION RC**  
2.4GHZ FHSS  
AXION LINK

A high performance, lightweight electric powered soarer with a tough 'Flexpor' airframe supplied complete with a brushed motor, ESC and servos factory fitted. With rudder, elevator and throttle control, it makes an ideal first soarer and can be flown with or without the electric power pod. Available in RTF format with high quality 2.4GHZ transmitter and receiver, plus 2S 1300mAh Li-Po and balance charger or as a plug and fly model requiring your own transmitter, receiver, battery and charger.



<b>A-AX-00220-01M2</b>	<b>Cumulus 200 2X RTF 2.4GHz Brush M2</b>	<b>£129.99</b>
<b>A-AX-00220-03</b>	<b>Cumulus 200 2X Plug &amp; Fly Brushed</b>	<b>£74.99</b>

**CUMULUS 200 3X**

2.4GHZ FHSS  
AXION LINK

If you want even more power and manoeuvrability, the new Cumulus 3X is just what you're after. With its additional aileron control and high performance brushless motor, it's perfect for flying from almost any field. Like the 2X above, the power pod can be quickly removed for thermal or slope soaring. Available in RTF format with high quality 2.4GHZ transmitter and receiver, plus 2S 1300mAh Li-Po and balance charger or as a plug and fly model requiring your own transmitter, receiver, battery and charger.



**Powerful  
Brushless  
Motor and  
18A ESC  
Included!**

Wingspan:	2000mm (78.8")
Length:	750mm (29.5")
Motor:	Brushless (Included)
ESC:	18A Brushless (Included)
Radio:	4 Channel
Servos:	4 x 9g (Included)
Li-Po:	2S 1300mAh (included with RTF version)



<b>A-AX-00225-01M2</b>	<b>Cumulus 200 3X BL RTF 2.4GHz Brushless M2</b>	<b>£169.99</b>
<b>A-AX-00225-03</b>	<b>Cumulus 200 3X BL Plug &amp; Fly Brushless</b>	<b>£102.99</b>

# AXION RC

**Ready to Fly  
Re-Invented!**

**Just visit  
www.ripmax.com  
for more  
Information!**

**Compatible with the  
Whole range of Axion  
RC aircraft too!**

## EXCELL 200

**EXCELL 200 RTF 2.4GHZ**

Axion RC have taken the single rotor micro helicopter to a new level!  
100% factory assembled and supplied complete with 1S Li-Po, USB charger, spare blades, spare tail and fin with full-size, high quality 2.4GHz AX-4CT FHSS transmitter. Incredibly durable and lightweight, it is rock-steady in the hover so ideal for the newcomer or perfect follow-on from a co-axial model. However, experts won't find the Excell 200 lacking as the model has a fair turn of speed with plenty of control authority.  
The onboard 4-in-1 unit features receiver, servos and heading-hold gyro for minimum fuss and maximum control. Just pop some AA batteries in the transmitter and you have everything you need to fly!

A-AX-01000-01M2	Excell 200 RTF 2.4GHz.....	£69.99
A-AX-01000-02	Excell 200 2.4GHz Link&Fly.....	£44.99

**Fly it Indoors or Out!**

**Palm  
Size!**

**2.4GHZ FHSS  
AXION  
LINK**

- Full Range, High Quality Transmitter with Digital Trims
- Precision Gimbals
- Servo Reverse on all Channels
- Dual Rates
- V-Mix

**Everything you need to fly!**

**AX-4CT**



# REALFLIGHT<sup>6</sup>

## R/C FLIGHT SIMULATOR



Reset/Rewind  
Button  
Included on  
the TX!



RealFlight 6 is now loaded with even more realism throughout, with vastly improved helicopter and aeroplane physics! Expert pilots worked with RealFlight engineers to program increased precision and incredible helicopter

performance. These experts made sure the RealFlight 6 reacts exactly like real life - so that feel and response is as real as it can possibly get.

Would you like to practice manoeuvres, or recreate the same aerobatics over and over again? Want to find out why you clipped that pylon, or why you couldn't pull out of that dive? Just hold down the Reset Button to stop your current flight, go back to any previous point in the flight, and start flying again from there. A "seek" function lets you precisely pause the action so you can analyse what went wrong and work on correcting it - as many times as you want. Along with all of the physics upgrades, RealFlight 6 has many other new features, including Heli Safety Alerts, Wingtip and Rotary Trails, Smoke Reaction, Quicker Loading and Editing, and much more. Purchase Realflight 6 to experience the most realistic flight simulator ever!



A quality, full-functioning transmitter is included in the box; designed after Futaba's 6EX and complete with digital trims and rewind button!

## Free Mega Pack!

### Aircraft Mega Pack

The 36 extra aircraft are:  
 BooRay Racer, Eclipse Biplane, ElectriFly FlatOuts Flatana, ElectriFly FlatOuts Matt Chapman CAP 580, ElectriFly FlatOuts Reflection, ElectriFly FlatOuts Turmoil, ElectriFly Fokker DVII, ElectriFly F6F Hellcat, ElectriFly Fun Force P51 Mustang, ElectriFly Fun Force Zero, ElectriFly Mini Delta, ElectriFly Reactor 3D, ElectriFly Riot 3D, ElectriFly SE5a, ElectriFly XPD-8, ElectriFly Yak-55, F5D Pylon Racer, Great Planes Little Toni, Great Planes P-6E Hawk, Great Planes PT-17 Military Stearman, Great Planes 1/3 Scale Matt Chapman CAP 580, Great Planes U-Can-Do 3D, Great Planes Venus II, Grumman X-29, Hotliner, KE Flat Foamy, KEtana (EP), KEtana (Glow), Lawnmower, ModelAero AeroCat E-Jet, Nieuport 28C-1, Pietenpol Air Camper, Top Flite Beechcraft Staggerwing, Top Flite Piper Arrow II, TravelAir Mystery Ship, Ultrafly Models Radix-3D.

Or

### Heli Mega Pack

The 47 extra helicopters are:  
 Augusta A109, Align T-Rex 500, Avant Aurora, Aurora 3D, Bergen Intrepid 90, Bergen Intrepid Gasser EB, Boeing AH-64 Apache, Boeing CH-46 Sea Knight Micro, Youngblood Rave ENV 90, Youngblood Rave ENV 700, Curtis Youngblood Rave 450, Dolphin, Dolphin 3D, Finch, Gaii X5-FES, Heli-Max Axe CX Micro, Heli-Max Kinetic 50, Heli-Max Kinetic 50 (Trainer), Heli-Max MX400, Heli-Max MX450 XS, Heli-Max Novus CP Nano, Heli-Max Novus 125 CP, Heli-Max Novus 125 FP, Hind Mi-24, Impala, Impala (Trainer), KDE Direct 700, Miniature Aircraft Fury Extreme, Miniature Aircraft Ion-X, Miniature Aircraft Stratus 90, RAH-66 Comanche, RJX Hobby X-treme 90, Robinson R22, Skyartec Wasp 200XE V4, Spritzer (4-stroke), Sun Dog (Sport), Synergy N5, Synergy N5C, Synergy N9, Thunder Tiger Mini Titan, Thunder Tiger Raptor G4 E720, Thunder Tiger Raptor 90 G4, Thunder Tiger Raptor 90SE, Thunder Tiger X50, Thunder Tiger X50T (Torque-tube), Watt Not.



A-GPMZ4475	Realflight G6 Simulator M2 Aero	£149.99
A-GPMZ4476	Realflight G6 Simulator M1 Aero	£149.99
A-GPMZ4477	Realflight G6 Simulator M2 Heli	£149.99
A-GPMZ4478	Realflight G6 Simulator M1 Heli	£149.99



### BLACK HORSE EDGE 540V3 30CC ARTF

This version of the Edge 540V3 has been designed to use the popular 30cc petrol engines yet still offer the levels of performance that you would expect. The sleek balsa/ply construction has been optimised to give the right combination of strength and low weight from a practical size of model that is equally at home on club patch or a show flight line.



Capable of regular aerobatics and fast rolling manoeuvres just like the real one, the 540V3 has a sleek and complex scale cowling that can hide most of the engine and silencer to really help keep the flowing lines of the full size. The nose is finished off with a tough nylon spinner mounted on an aluminium backplate.

If you are looking for an attractive sports aerobatic model that is cheap to run and really looks the part, then the Black Horse Edge 540V3 30cc could be the one for you.



Wingspan:	2080mm (81.9")
Length:	1680mm (66.1")
Engine:	30cc Petrol
Radio:	6 Channel
Servos:	6

**A-BH094 Black Horse Edge 540V3 30cc ARTF .....£379.99**

### BLACK HORSE EDGE 540V3 EP ARTF

Sharing the same design as the larger engine powered versions, the smaller EP version of the Edge 540V3 is perfect for smaller flying fields and KMS 2820/05 or similar brushless power. With this kind of power, this is a seriously quick model that ensures that you are on your toes! She covers the sky fast and demands total concentration.



Wingspan:	1160mm (45.7")
Length:	950mm (37.4")
Motor:	KMS 2820/05
ESC:	35A
Radio:	4 Channel
Servos:	4 Mini

Factory assembled from laser cut balsa and ply parts, this Edge is amazingly light. That translates into superb flying manners with no nasty surprises. With a durable Oracover film finish, its impressive scheme is sure to really turn heads at the field.

**A-BH095 Black Horse Edge 540V3 EP ARTF .....£139.99**

The smallest derivative of the Su-26M still draws on the huge experience Black Horse has in designing lightweight models for electric power. The smooth nature of electric motors means that weight can be saved in front bulkheads whilst designing in a mount for the battery. Access to the battery for changing is easy thanks to the easy-to-remove top hatch. By fitting the recommended motor, you can really turn on the performance and heads at the same time. The Su-26 is just one of those timeless models that puts exciting flight into a practical size model for operation from some fairly small fields. The low wing loading resulting from the CAD design is a key factor in achieving this. She has a more than a fair turn of speed as well.

### BLACK HORSE SU26M EP ARTF



Wingspan:	1140mm (44.9")
Length:	1063mm (41.9")
Motor:	KMS 2820/05
ESC:	35A
Radio:	4 Channel
Servos:	4 Mini



**A-BH097 Black Horse Su26M EP ARTF .....£149.99**



**BLACK HORSE SU-26M 35CC ARTF**

This mid size version of the Su-26 is designed to have a wide appeal to many modellers. It has been designed to be practical in size, easy to transport and be able to utilise the popular 33-36cc petrol engines on the market today. It's an ideal choice for the O.S. GT-33.

Like all the latest Black Horse models, and especially the other Su-26 derivatives, this version is jig assembled by skilled workers in the Black Horse factory using special jigs. When assembled, an equal amount of skill is used to apply the stunning colour scheme in durable Oracover film. Oracover is widely regarded as the best heat shrink film on the market and a therefore a natural choice for Black Horse.

Yet again, that big GRP cowl will completely hide most of the engine and silencer, leaving the scale outline undisturbed and reducing the sound a little. Removing the wings to transport her makes the combination of size and practicality almost unbeatable. Even a pilot with some limited low wing experience could master this one pretty quick.

**Factory Built  
and Covered!**



Wingspan:	1730mm (68.1")
Length:	1620mm (63.8")
Engine:	30cc Petrol
Radio:	6 Channel
Servos:	6

**A-BH098 Black Horse Su-26M 35cc ARTF..... £339.99**

**BLACK HORSE SU26M 55CC ARTF**

This is the biggest version of the Su-26 in the Black horse range and you get a lot of model for your money. The main construction is from laser-cut balsa and ply parts. Each has been optimised to give the correct combination of strength and low weight. Black Horse engineers use the very latest CAD techniques to do this combined with clever jigs and some unique wood shaping methods. The net result is a strong model that has predictable flight performance and exceptional agility. Pretty much like the full size!!

That huge cowling is exquisitely moulded in GRP using epoxy resin to have great durability without the need for huge weight from inferior moulding techniques. Just look at how scale all the scale features are there. Most engines and silencers are fully swallowed inside to keep the outside looking just like a scale model should.

**Huge 55cc  
Model!**

Wingspan:	2240mm (88.2")
Length:	1950mm (76.8")
Engine:	50~55cc Petrol
Radio:	8 Channel
Servos:	8 x 7Kg Minimum

The undercarriage features heavy duty aluminium legs mounted onto large ply plates that are bonded into the main structure.



The wings come off for easy transportation but the fuselage is still a pretty bulky item, so you will need a reasonable estate car to move the Su26M 55cc about.

Bolt on a powerful 50-55cc engine like the OS GT-55 and you can explore that performance envelope to the limit.

**A-BH096 Black Horse Su26M 55cc ARTF..... £ 479.99**

# BLACK HORSE FIESLER STORCH ARTF



Wingspan:	2850mm (112.0")
Length:	1910mm (75.0")
Engine:	28~35cc Petrol
Radio:	5~6 Channel
Servos:	6 x 6Kg and 1 x 3Kg Servo
Weight:	8.1Kg (17.8lbs)

Just when you thought that Black Horse had done everything, they come up with a model that is both iconic and complex all at the same time.

The Storch is all about slow speed flight and STOL performance. It all comes courtesy of that complex high lift wing featuring both slats and flaps. The Black Horse version has fixed slats and real 'Fowler flaps'. The flaps and ailerons even have details such as simulated mass balances out on 'stalks', just like the real one. When down, the slow speed performance has to be seen to be believed! Not only is it slow, it is predictable and controllable as well. The scale-like struts look good and are fully structural too.

The fuselage has a realistic canopy and cockpit area. To do this, Black Horse have used a complex metal rod internal structure and brazed it together. It is very strong and part of the overall design of the model. There has been no compromise on scale appearance to make it easier to manufacture. Exactly what you would expect from Black Horse!

Then there is the undercarriage. A true and functioning representation of one of the key design features in a Storch. It is both complex and simple at the same time with working oleos.

All you need is a 28-33cc petrol engine for her to waft into the air. That's when that stunning scale colour scheme is so readily apparent. Performance is sedate (as you would expect) but the fun of STOL performance is very addictive.

The Black Horse Storch has a big presence and will be the envy of your mates!



A-BH099 Fiesler Storch ARTF..... £499.99



**BLACK HORSE HARMON ROCKET ARTF**

The Harmon Rocket is basically a heavily modified RV-4. But modified hardly does it justice. The real Rocket is a homebuilt aircraft designed to look and fly fast!! Black Horse have created their version to be as close to the original as possible but with minor changes to make it even more practical as a model. The unique factory jiggling procedure ensures that each and every one is straight and true. At the end of assembly, the Rocket is skilfully covered in Oracover in a scheme that is visually appealing and true to the concept. The Black Horse Harmon Rocket needs a 15-20cc 2-stroke engine (petrol or glow) but could also accommodate a 25-30cc 4-stroke as well. The choice depends on your performance preference.

GRP and vacuum mouldings are used where wood is impractical so the appearance is maintained and weight is minimised.

**A-BH100 Black Horse Harmon Rocket ARTF.....£319.99**



Wingspan:	1660mm (65.4")
Length:	1570mm (62.0")
Engine:	0.91 Two Stroke, 1.20 Four Stroke or 15cc Petrol
Radio:	6 Channel
Servos:	8 Servos

**BLACK HORSE LANDSCAPE ARTF**

- Fully shielded hinges on all control surfaces & flaps.
- Tough undercarriage is designed to cope with most club fields.
- Working oleo strut on the front wheel.
- Factory finished in Oracover polyester film.

Based on a famous modern light aircraft, the Landscape has the kind of curves that are usually the domain of GRP mouldings. Black Horse on the other hand have a way with wood that sometimes defies belief. The Landscape is mostly wood! Yes, there are GRP parts, such as the cowlings and wheel spats, but the majority of the structure is laser cut wood clad in balsa - even those curved wing tips! Flying is of course superb, with a wide speed range and no hidden surprises at slow speeds, even with the flaps down.

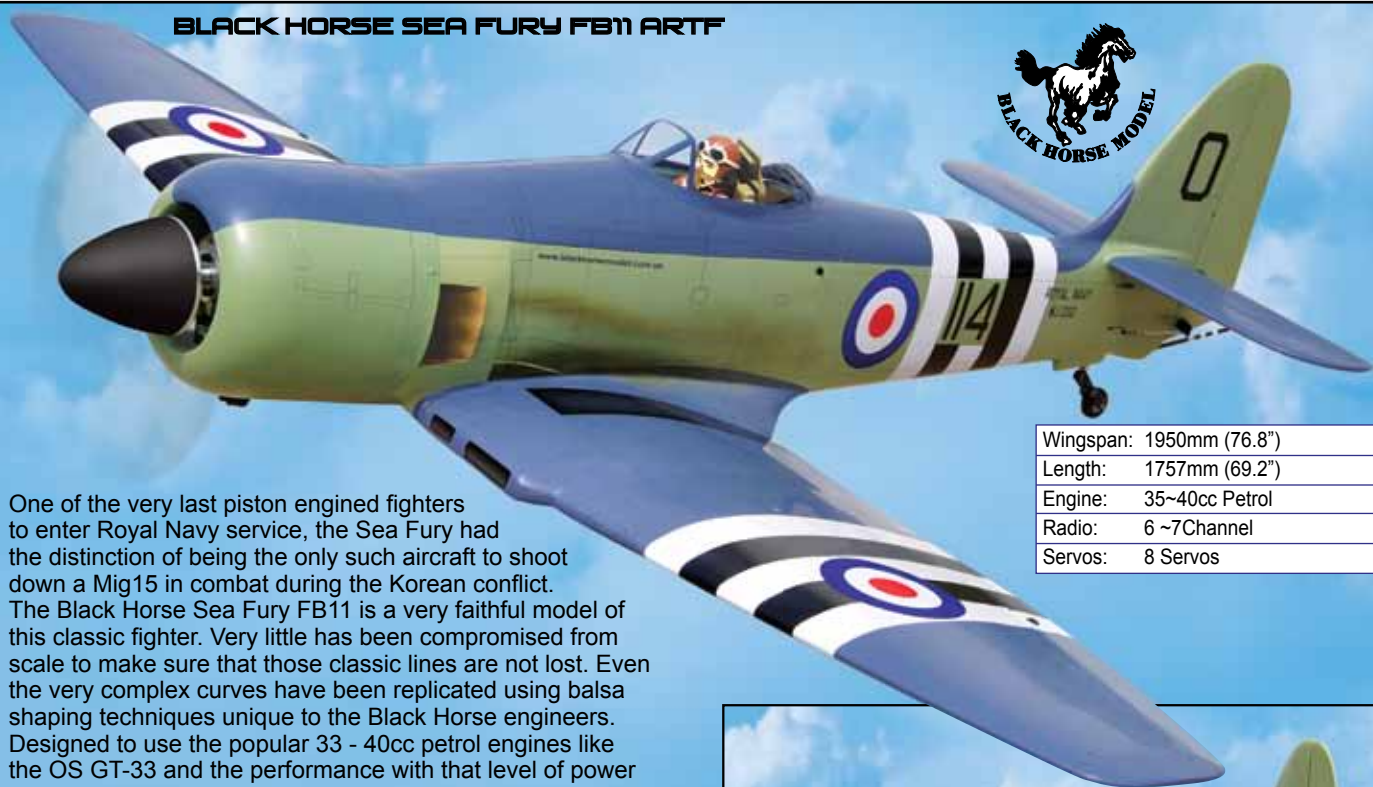
**A-BH101 Black Horse Landscape ARTF.....£359.99**



Wingspan:	1940mm (76.4")
Length:	1700mm (66.9")
Engine:	25-30cc Petrol
Radio:	5-6 Channel
Servos:	6 x 5Kg, 1 x 7Kg and 1 x 3Kg Servos



**BLACK HORSE SEA FURY FB11 ARTF**



Wingspan:	1950mm (76.8")
Length:	1757mm (69.2")
Engine:	35~40cc Petrol
Radio:	6 ~7Channel
Servos:	8 Servos

One of the very last piston engined fighters to enter Royal Navy service, the Sea Fury had the distinction of being the only such aircraft to shoot down a Mig15 in combat during the Korean conflict. The Black Horse Sea Fury FB11 is a very faithful model of this classic fighter. Very little has been compromised from scale to make sure that those classic lines are not lost. Even the very complex curves have been replicated using balsa shaping techniques unique to the Black Horse engineers. Designed to use the popular 33 - 40cc petrol engines like the OS GT-33 and the performance with that level of power is exactly as you would expect...exhilarating! Wide loops, graceful chandelles and long rolls are a joy to perform. Control responses are strong yet progressive, thanks to optimised areas and shielded hinge lines. Black Horse has reduced hinge gaps to a minimum by using inset, fixed hinges and pivot rods. Doing it the easy way with plastic hinges was dismissed in the pursuit of scale detail and flight performance.

Construction is from laser-cut balsa and ply parts that are jig assembled and then covered in an authentic, printed vinyl covering that is durable and damage resistant. There are even some small pieces of the various colours included to repair the odd 'ding'.

The cowl is moulded in GRP to be both light and strong. It is of course painted in matching colours to the vinyl. Detailed mouldings are mixture of GRP and ABS according to need. The cockpit and pilot are cases in point, and you would go a long way to do better yourself!

The Sea Fury is fully equipped with air retracts as standard, using totally new, metal-bodied units and sprung oleos.



- Factory built and covered in pre-printed vinyl.
- Pre-painted GRP cowl.
- Supplied complete with all-new metal-bodied air retracts and sprung oleos.
- Removable wings and tailplane halves make transport in smaller cars simple.

**Very hard to Resist!**



**A-BH102 Black Horse Sea Fury FB11 ARTF.....£419.99**



## BLACK HORSE ZLIN SOL ARTF

Wingspan:	2145mm (84.5")
Length:	1641mm (64.6")
Engine:	25~30cc Petrol
Radio:	5~6 Channel
Servos:	5 x 5Kg, 1 x 7Kg and 1 x 3Kg Servos

**Lightweight  
GRP Cowl  
and  
Spats!**

The Zlin 50L was one of the first aircraft to start off the modern genre of monoplane aerobatic aircraft. It was designed from the outset as a pure aerobatic aircraft and stressed for high 'G'. Black horse have created a superb version here with all the agility of the original in a size that will fly on the popular 25 - 30cc petrol engines. Where possible, the scale outline has been used and the only departures have been those required to make a model fly well and be durable in use at the average club flying field. Wing sections have been chosen to provide the correct aerobatic response and stability and flaps have been added to aid the landing speed, just like the original.

A-BH103 Black Horse Zlin 50L ARTF ..... £349.99



## BLACK HORSE MACCHI MC200 ARTF

Wingspan:	2000mm (78.7")
Length:	1500mm (59.1")
Engine:	30~35cc Petrol
Radio:	6 Channel
Servos:	8 Servos

**Try  
Something  
Different!**

One of the most famous Italian fighters of WWII! The Black Horse version is a really convenient size. Not too big that it won't fit in a car and not too small to be knocked around in a breeze. The

recommended engine size will not break the bank either! The complex shape of the fuselage behind the cowl has been faithfully re-produced by using Black Horse's complex, wood moulding techniques to make this Macchi a real scale aircraft. Add the beautiful, hand made GRP cowl and you can see exactly how well the design follows the full size. The entire construction is jig assembled using laser cut parts by skilled craftsman. No machine assembly here, just old fashioned skill and care in every model.

**All Metal  
Air Retracts  
Included!**

A-BH104 Black Horse Macchi MC200 ARTF ..... £359.99



## BLACK HORSE WYVERN S4 ARTF

Now here's a model that you don't see every day. In fact it's probably the first R/C ARTF model of the Wyvern anywhere in the world! The Westland Wyvern was one of the very last, single propeller aircraft to enter service with the Royal Navy for strike purposes. She was big, powerful and packed a huge punch. Ok, the Black Horse Wyvern does not have the contra-rotating scale propellers, although there are some big electric systems on the market that would do the job, so it needs a powerful 50~55cc petrol engine like the O.S. GT-55 to do her justice and deliver performance. The all wood construction is laser-cut, jig-assembled and then covered in durable, printed vinyl in a real scale scheme. It's a big model, so the wings, tailplanes and fin are designed to be removable for transport. A full set of completely new, all-metal, air retracts are included with sprung oleo legs. Scale inner wheel well doors are actuated by the wheels as they retract, making a very clean underside when in flight. The Black Horse Wyvern is a bold statement of 'doing something different' and will certainly turn a lot of heads on your club patch!!

**A-BH105** Black Horse Wyvern S4 ARTF ..... £499.99



**All Metal Air  
Retracts  
Included!**



Wingspan:	2240mm (88.2")
Length:	2050mm (80.7")
Engine:	50~55cc Petrol
Radio:	6~7 Channel
Servos:	9 x High Torque and 1 x Standard Servo



## BLACK HORSE ORBIT ARTF



**Perfect for  
Relaxed Sunday  
Flying!**

**Fly it Electric or  
Two or Four  
Stroke IC!**

A charismatic, '30s' styled cabin model for relaxed Sunday flying. That elliptical wing has all the charm from a bygone era and the choice of a cream background to the colour scheme and the dramatic colours suggest the 'art deco' period too. When it comes to construction, the Orbit is bang up-to-date. The model is CAD designed with components that are laser cut, jig assembled and covered in modern Oracover heatshrink film. Power can be chosen from three sources, a .52 4-Stroke, a .46 2-Stroke or a KMS Quantum 2826/06 brushless motor. The facility for all three is catered for in the kit.

**A-BH106** Black Horse Orbit ARTF ..... £139.99



Wingspan:	1780mm (70.1")
Length:	1320mm (52.0")
Engine:	.46 Two Stroke, .52 four stroke, or KMS Quantum 2826/06
Radio:	4~5 Channel





**BLACK HORSE SPUTNIK ARTF**

**Tough  
Aluminium  
Undercarriage!**

**Stunning  
Colour  
Scheme!**

The latest sports aerobatic model from Black Horse is designed for use with either IC or electric power from the start and both types of power source are accommodated in the kit.

Being laser cut from selected balsa and ply parts, the Sputnik is exceptionally light and strong. That light weight and generous side area make a fully aerobatic sports model that can deliver stunning performance in any attitude. A tough aluminium undercarriage soaks up the roughness of grass field operation and the forgiving flight nature ensures that she can be operated from most club patches.

Add a stunning colour scheme in durable Oracover and it is easy to see why many club fields will see the Sputnik during the coming season.



Wingspan:	1320mm (52.0")
Length:	1240mm (48.8")
Engine:	.25~.32 Two Stroke or
Electric Motor:	KMS Quantum 2826/05
Radio:	4~5 Channel
Servos:	4~5 Servos

**A-BH107 Black Horse Sputnik ARTF.....£129.99**

**HAWKER HURRICANE ARTF**

The Hawker Hurricane is probably the most underrated aircraft of WWII. In the Battle of Britain, the Hurricane accounted for more German aircraft shot down than any other, and by some considerable margin. The solid flying performance and concentrated .303 browning machine guns made her deadly. Pilots loved her because she would take immense damage and still get home; a true workhorse. Many still survive in flying condition to this day.

Black Horse have developed their version of the Hurricane with all this heritage very much in mind. Great care has gone into replicating a faithful shape and adding as many scale details as possible. The result is a beautiful model that has extremely forgiving flight performance and is easy to take off and land.

Much like the original really!!



**Air Retracts  
Included!**



Wingspan:	2210mm (87.0")
Length:	1680mm (66.1")
Engine:	50~55cc Petrol
Radio:	7~9 Channel
Servos:	9 x 6Kg Servos

Like all Black Horse Models, the detailed CAD design is translated into an airframe using Laser cut balsa and ply parts and then hand assembled by skilled workers in the factory. Several key parts like the cowl are moulded in GRP and other details in vacuum-formed ABS plastic. That 'stringer' rear fuselage is there and adds a lot to the scale realism. Wherever possible, the scale shape has been faithfully followed. The printed vinyl covering has been colour matched as closely as possible to the true 1940 colours and the painting of the cowl etc. sprayed in the same manner. Flaps are standard, as are the full set of aluminium air retracts with sprung oleo legs that are included.

**A-BH108 Hawker Hurricane ARTF.....£TBA**





# MESSERSCHMITT BF-109E3 ARTF

The most famous German fighter of WWII was certainly the Messerschmitt Bf-109, and in the early years of the war the 'E' version with it's characteristic stubby nose. Like the Spitfire, the Bf-109 was in production throughout the war and was extensively developed.

Just a quick look at the shape and the detail will tell you that Black Horse have pulled out all the stops on this one. The outline is a scale as possible and details like air inlets and the cockpit/pilot set this 109 apart from others on the market.

The Laser cut balsa and ply parts have been lovingly assembled at the factory in multiple jigs by highly skilled workers.



- Control response is positive yet predictable.
- Wider undercarriage track to reduce the famous '109' tendency to ground loop.
- Effective scale flaps reduce the landing speed considerably.
- Working oleo legs absorb the bumps of the average flying field.

If ever you have wanted a practical and scale Bf-109E then Black Horse have surely delivered.

Wingspan: 2,200mm (86.61")
Length: 1976mm (77.8")
Weight: 8.3kg (18.5lbs)
Radio: 7-9 Channel
Servos: 9 (6kg min) Standard
Engine: 50-55cc Gas

**A-BH109 Messerschmitt Bf-109E3 ARTF.....£TBA**

# SILENCE TWISTER ARTF



## SILENCE TWISTER

There is no mistaking where the styling came from for this one! The full size Silence Twister was designed in Germany as kit aircraft to offer a cheap light aircraft that has the basic planform of the most famous fighter of them all, the Spitfire. The original has retracts yet only a tiny 80Hp engine. The sleek design is where the performance comes from.

Black Horse chose to model the Silence Twister in order to offer a modern styled aircraft that has both character and performance, yet is a little different to most models on the market today.

The Silence Twister is factory constructed from Laser cut parts clad in balsa and then stunningly finished in durable Oracover film in a scale scheme. The cowl and spats are moulded from GRP with other mouldings formed in ABS before painting. The model has fixed undercarriage rather than the retracts of the original making her practical for club use.

Bolt on a 15cc petrol engine, install the radio of your choice and she is ready to go!

**Great First Petrol Model!**

Wingspan: 1,870mm (73.62")
Length: 1,600mm (62.99")
Weight: 4.6kg (10.12lbs)
Radio: 5-6 Channel
Servos: 7 Standard
Engine: 15cc Gas



**A-BH110 Black Horse Silence Twister ARTF.....£TBA**



**Futaba Transmitter  
Ready - link and fly  
with any Futaba  
S-FHSS radio!**

Wingspan:	1250mm (49.0")
Length:	1015mm (40.0")
Motor:	Brushless (Inc.)
Radio:	4~5 Channel
Servos:	4 x 9g Servos (Inc.)

Ready to Fly  
in **30**  
MINUTES!

**Ripmax**

# acro·wot<sup>Mk2</sup> FOAM-E<sup>BY</sup> CHRIS FOSS

With the phenomenal success of the WOT 4 Foam-e, it was only going to be a matter of time before the classic Acro WOT was introduced to the range. And it was worth the wait!

Unmistakably an Acro WOT, the new Foam-e version has been designed by Chris Foss to make the best of 3 cell 2100~2500mAh Li-Pos. Supplied with factory fitted servos, powerful brushless motor and speed controller and available in three exciting versions - as a model ready for your own transmitter and receiver, or as an almost ready to fly model with 2.4GHz Futaba compatible receiver. Yes, the Acro Wot is the first model to launch FTR - Futaba Transmitter Ready. Compatible with all Futaba S-FHSS 2.4GHz radios, the Acro Wot can be flown with the Futaba 6J, new 8J and amazing 18MZ.

If you want everything in the box, there's even a ready to fly version with a transmitter included that's also Futaba compatible, so the model can also be flown with any other Futaba S-FHSS transmitter!

The FuTuRe of radio control has just been re-defined. Look out for the distinctive FTR logo on an ever expanding range of exciting new models that are Futaba Transmitter Ready throughout this catalogue and at your local model shop soon.



A-CF030	Acro Wot Mk2 Foam-E ARTF .....	£149.99
A-CF030FTR	Acro Wot Mk2 Foam-E FTR ARTF .....	£TBA
A-CF030RTF	Acro Wot Mk2 Foam-E RTF 2.4GHz .....	£TBA

## NINE EAGLES SKY 500 RTF

The Sky 500 is the smallest of the Nine Eagles line of 'Powered Glider' RTF trainers. Its convenient size allows it to be carried fully assembled or in its box, yet it is more stable than its micro counterparts outdoors. Everything required to fly is included and assembly time is minimal. Simply charge and Fly!



Sky 500 comes complete with Nine Eagles' switchable mode transmitter with LCD screen and digital trims.

Wingspan: 500mm (19.68")
Length: 355mm (13.97")
Weight: 40g (1.41oz.)
Radio System: 3 Ch. 2.4GHz (Inc.)
Li-Po: 1S 3.7V 150mAh (Inc.)



A-NE724104001A Sky 500 RTF.....£54.99

## NINE EAGLES SKY SURFER

With its compact size, the Nine Eagles Sky Surfer is the perfect park flyer. Supplied complete with radio installed, plus motor, ESC, folding prop and 7.4V Li-Po, the Sky Surfer has quick access to the battery compartment for maximum fun and minimum fuss.



Wingspan: 780mm (30.7")
Length: 520mm (20.4")
Radio System: 3 Channel (Inc.)
Electric Motor: N60 (Inc.)
Li-Po: 2S 7.4V 250mAh (Inc.)

Sky Surfer comes complete with Nine Eagles' new J4 Pro transmitter, which means the model is now FTR (Futaba Transmitter Ready) and can also be flown with any Futaba S-FHSS radio - such as the 6J, new 8J and 18MZ!



A-NE781RTF Nine Eagles Sky Surfer RTF S-FHSS.....£84.99  
A-NE781FTR Nine Eagles Sky Surfer FTR S-FHSS.....£64.99

## Ripmax acro·wot Mk2

by CHRIS FOSS

Ever since the release of the ARTF version of the incredibly popular WOT 4 the question on everyone's lips has been "when will there be an ARTF Acro Wot?". Well now those questions have been answered, with the development of this new Acro Wot Mk2 as a complete ARTF airframe of the highest quality. Produced under licence and with the approval of the original designer Chris Foss, the Acro Wot Mk 2 ARTF is sure to become as great a success as the WOT 4 has been, with its unbeatable combination of great looks and superb flying performance. Assembled with great care and attention from best quality balsa and ply, then professionally covered in high quality film, the Acro Wot also features a moulded

glass fibre cowling as well as a moulded and tinted canopy.

The painted pilot is pre-fitted, and the model comes with a very substantial pre-formed main undercarriage, which attaches to a strong and resilient mounting in the fuselage fully capable of handling those occasional less than perfect landings.

The model is supplied complete with fuel tank, spinner, steerable tailwheel and all control accessories. Flying performance is truly excellent,

the Acro Wot being fully aerobatic, yet remaining stable and easy

to fly for less experienced

pilots and both take

off and landings being simple to perform.



Wingspan: 1505mm (59.25")
Length: 1200mm (47.25")
Engine: .40~.55 2 Stroke
.70~.80 4 Stroke
Radio: 4~5 Channel
Servos: 5 Servos

A-CF006 Acro WOT Mk2 ARTF .....£139.99



**CITABRIA 3D FOAM ARTF**

Based on the light single engined, two seat aerobat which entered production in the United States in 1964, this 3D Citabria is capable of the original's sparkling performance and more! Designed for all-out 3D manoeuvres, it comes with pre-hinged surfaces, stunning high visibility scheme and laser-cut hardware.

Assembly is quick due to the 3mm polystyrene Pro-Formance foam parts - even the wings have the carbon fibre wing spars factory installed!

- Factory bevelled and pre-hinged control surfaces.
- Designed for 250 class outrunner power.
- Lightweight, 3mm Pro-Formance foam construction.
- Pre-assembled undercarriage with wheels factory installed.

Wingspan:	840mm (33.0")
Length:	750mm (29.5")
Motor:	250 Size Brushless
ESC:	8A Brushless
Radio:	4 Channel
Servos:	3 Micro Servos
Li-Po:	2S 350mAh

**A-GPMA1127 Citabria 3D Foam ARTF ..... £49.99**


**SUPER STEARMAN EP ARTF**

After WWII, the trusted trainer that had taught thousands of Allied pilots to fly was suddenly obsolete. But for a lucky handful, fame was just around the corner, as a showcase for stunt pilots and wing-walkers. The Super Stearman was a star in every sense of the word - and this ARTF model offers the original's great looks and thrilling performance in full. Perfect for 'grab and go' flying at a nearby park or the flying field. At just 36" span, it's easy to carry by hand and easily fitted in the car - even when assembled. Best of all, you can have it centre stage and wowing the crowd just a few hours after you open the box!

- Designed for fast assembly, with a balsa/ply airframe, MonoKote covering and painted fibreglass parts!
- Built for brushless power and air show-quality aerobatics!
- To simplify assembly, the fin and tail are self-aligning fin and tail, pre-hinged ailerons plus pre-painted cabanes and struts.

**A-GPMA1150 Super Stearman EP ARTF..... £169.99**



**Designed for Quick Assembly!**

Wingspan:	915mm (36.0")
Length:	750mm (29.5")
Motor:	35mm 1250Kv Brushless Outrunner
ESC:	35A Brushless
Radio:	4 Channel
Servos:	4 Micro Servos
Li-Po:	3S 2200mAh

**G-44 WIDGEON EP ARTF**

When you're ready to explore new sport flying frontiers, think water - and the ElectriFly G-44 Widgeon seaplane. Just as full-scale Widgeons carry sportsmen to remote fishing and hunting grounds, this is the perfect ARTF model for your next great R/C adventure - lifting off from and landing on a pond or lake, and enjoying a smooth, stable sport flight performance in-between.

- Designed for brushless electric power.
- Taxis easily on water and takes off with authority.
- Supplied with painted fibreglass fuselage.
- Factory-painted and trimmed motor nacelles and floats.
- Built-up, MonoKote factory covered wing and tail.
- Includes decal sheet and assembly/display stand.

Wingspan:	1295mm (51.0")
Length:	915mm (36.0")
Motor:	2 x 28mm 950Kv Brushless Outrunner
ESC:	2 x 25A Brushless
Radio:	4 Channel
Servos:	4 Micro Servos
Li-Po:	3S 3500mAh



**Factory Painted Fibreglass Fuselage!**

**A-GPMA1151 G-44 Widgeon EP ARTF..... £199.99**

### YAK55M ARTF

Winner of several world aerobatic championships, the Yak-55 underwent several design changes in 1989 - most notably a shorter, more tapered wing - which resulted in the Yak-55M. Great Planes have captured the unique look of the Yak-55M in a 50" wingspan model that flies like a much larger plane. The Yak-55M executes aerobatic and pattern manoeuvres with extraordinary precision.

- Lightweight airframe allows for exciting aerobatics and pattern manoeuvres.
- Airframe components are pre-assembled and covered in MonoKote film, so you can be at the flight line in just a few hours.
- Two-piece wing speeds assembly and makes transportation easier.

Wingspan:	1285mm (50.5")
Length:	1195mm (47.0")
Motor:	42mm 800kv Brushless Outrunner
ESC:	45A Brushless
Radio:	4 Channel
Servos:	4-5 Micro Servos

**Exciting  
Pattern  
Precision!**



A-GPMA1186 YAK55M ARTF ..... £189.99

### ESCAPADE .61 EP ARTF

With its bolt-together assembly, the Escapade .61 ARTF is so easy to assemble - and so enjoyable and affordable, you'll want to fly it at every chance you get! You have a variety of options for powering it, and the larger dimensions add stability and visibility to your sport manoeuvres. With a .61 two-stroke you have a great second plane for low-wing aerobatics. Fit a .91 for superb vertical performance, or go with a brushless outrunner motor for clean, quiet power.

- Equally suited to glow or brushless electric.
- Tail surfaces bolt on and align automatically.
- Control horns are pre-installed & pre-aligned.
- Control surfaces are pre-hinged.
- Two-piece wing simplifies assembly as well as transportation.
- Fibreglass cowl and spats, plus a painted and installed pilot figure included.

Wingspan:	1725mm (68.0")
Length:	1485mm (58.5")
Engine:	.61~.95 Two Stroke .91~1.20 Four Stroke
Radio:	4 Channel
Servos:	4-5 Servos

**GREAT PLANES**



A-GPMA1201 Escapade .61 EP ARTF ..... £219.99

### MUSTANG .46-70 ARTF

Combat-ready and easy to assemble, this 56" span P-51 combines smooth sport flight with edge-of-your-seat warbird excitement. Its two-piece, balsa-sheathed foam wing has been covered in MonoKote film, while the detailed cockpit includes an instrument panel, headrest and pilot. Performance is first-rate, too - whether you install glow or brushless electric power! It goes exactly where you point it and has no bad habits.

- Smooth flight characteristics.
- Fast and easy to assemble.
- Includes mounting hardware for glow or electric power.

Wingspan:	1420mm (56.0")
Length:	1270mm (50.0")
Engine:	.40~.55 Two Stroke .70 Four Stroke
Radio:	4 Channel
Servos:	4-5 Standard Servos

**GREAT PLANES**



A-GPMA1205 P-51 Mustang .46-70 ARTF ..... £199.99



**WACO .91-1.20 ARTF**

The Great Planes Waco is a scale model of the classic Waco YMF-5 first produced in 1934. The original Waco had smooth lines, a signature colour scheme, and a timeless design. The Great Planes replica offers instantly recognisable looks and outstanding, stable performance with either glow or petrol power. It's ideal for the flyer who wants a truly impressive "Golden Age" model that flies as good as it looks.

- Built-up balsa and plywood airframe construction covered in MonoKote.
- Includes parts to complete as a two-seat trainer or single-pilot mail carrier.
- Painted fibreglass spats, struts, cabanes, plus wing and landing gear fairings.
- Pre-hinged ailerons and elevators simplify assembly.

**A-GPMA1295 Waco .91-1.20 ARTF..... £579.99**



**Outstanding Performance!**

**GREAT PLANES**

Wingspan:	1830mm (72.0")
Length:	1435mm (56.5")
Engine:	.91 Two Stroke
	1.20 Four Stroke
Radio:	4 Channel
Servos:	7 Servos

**SHOESTRING GP/EP ARTF**

The full-size Shoestring's simplicity made it a favourite with builders... and its manoeuvrability and speed appealed to trophy-hunting pilots. Those same qualities make this model stand out, offering easy assembly, exciting aerobatics, and a distinctive look at the flight line. The lines of the original Shoestring are captured with lightweight fibreglass parts, including the cowl, wheel spats and fuselage – whose corrugations suggest the fabric covering of the classic Golden Age racer. Wide sport flying envelope, from gentle to "racer" fast and responsive.

- Painted fibreglass parts and two piece wing.
- Excels at rolls, snaps, spins and other sport aerobatics using glow or electric power.

**Fly it I.C. or Electric!**

**A-GPMA1328 Shoestring GP/EP ARTF..... £239.99**



**GREAT PLANES**

Wingspan:	1370mm (54.0")
Length:	1195mm (47.0")
Engine:	.46~.55 Two Stroke
	.70~.81 Four Stroke
Radio:	4 Channel
Servos:	4~5 Servos

**CHRISTEN EAGLE 46 ARTF**

American Frank Christensen designed this aircraft as an unlimited-class aerobat that pilots could build at home. It was an immediate hit – and this ARTF promises to be just as popular. Designed to deliver the same adrenaline-charged aerobatics as the original, as well as the amazing assembly ease Great Planes is famous for!

- Designed for fast-paced aerobatics and easy assembly.
- Captures the trademark "Eagle" trim scheme in bright MonoKote colours!
- A great performer with glow engines or brushless power!
- Innovative inter-plane struts eliminate brackets and tiny screws, speeding assembly at the flying field.
- Comes with a painted pilot figure already installed.

Wingspan:	1080mm (42.5")
Length:	1005mm (39.5")
Engine:	.46~.55 Two Stroke
	.70~.72 Four Stroke
Radio:	4 Channel
Servos:	7 Servos



**GREAT PLANES**

**A-GPMA1431 Christen Eagle 46 ARTF..... £339.99**

## SYNCHRO EDF ARTF

There's no other plane like the Syncro. Purchase one model, get two ways to fly it; as a 55.5" span glider or 31.5" span sport plane. Install your brushless motor in the high-performance ducted fan power pod and enjoy a wide flight envelope — from long, leisurely soaring to jet-like aerobatics! Change from glider to sport flight whenever the mood strikes — the Syncro's wings can be exchanged quickly right at the flying site. The ducted fan pod is held on by powerful magnets, and removes easily from one wing for attaching to the other.

- Soaring and sport wings.
- Ducted fan power pod.
- Durable Aerocell foam construction.
- Removable landing gear.

**Supplied with Two Wing Options!**



Wingspan:	1410mm (55.5") - Glider
Wingspan:	800mm (31.5") - Sport
Length:	875mm (34.5")
Motor Required:	24mm 4000Kv Brushless Inrunner
ESC:	25A Required
Radio:	4 Channel
Servos:	6 Micro Servos

**A-GPMA1581 Great Planes Synchro EDF ARTF ..... £99.99**

## GREAT PLANES F-16 F.FALCON ARTF

Praised by pilots for its versatility, the F-16 Fighting Falcon has been the preferred fighter for over 25 countries since the late 1970s. ElectriFly recreates the F-16's innovative design in a ducted fan ARF that combines scale looks with impressive top-end speeds! The F-16 can be hand-launched, or you can take advantage of the included bungee launch for even easier launching.

- Includes a HyperFlow ducted fan unit and high performance Ammo brushless motor.
- The fibreglass fuselage is factory-painted, while the built-up wings and tailplane are factory-covered in MonoKote film.
- Aileron, elevator and rudder controls result in outstanding authority for precision landings and high-speed manoeuvres.
- Includes bungee launcher, profile pilot and display stand.

**A-GPMA1801 Great Planes F-16 F.Falcon ARTF ..... £249.99**



Wingspan:	570mm (22.5")
Length:	875mm (34.5")
Motor:	Ammo Brushless - Included
Ducted Fan:	HyperFlow - Included
ESC:	35A Required
Radio:	4 Channel
Servos:	4 Micro Servos

**High Performance Brushless Motor and Fan Unit Included!**

## RIFLE EP ARTF

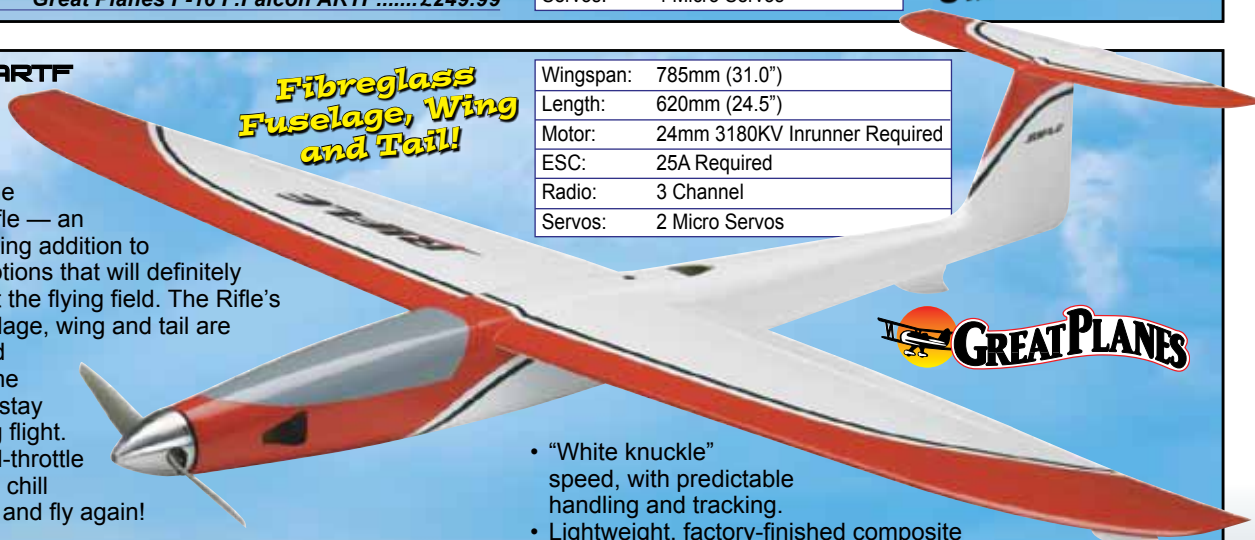
Great Planes brings speed to the masses with the fast, nimble Rifle — an envelope-pushing addition to your aircraft options that will definitely get attention at the flying field. The Rifle's fibreglass fuselage, wing and tail are factory-finished in a trim scheme that helps you stay oriented during flight. Take a fast, full-throttle thrill ride...then chill out, charge up and fly again!

**Fibreglass Fuselage, Wing and Tail!**

Wingspan:	785mm (31.0")
Length:	620mm (24.5")
Motor:	24mm 3180KV Inrunner Required
ESC:	25A Required
Radio:	3 Channel
Servos:	2 Micro Servos

- "White knuckle" speed, with predictable handling and tracking.
- Lightweight, factory-finished composite construction.
- Compact, fast and easy to assemble.

**A-GPMA1805 Great Planes Rifle EP ARTF ..... £137.99**





**COSMIC WIND EP ARTF**

The single engine, single seat Cosmic Wind racing monoplane was designed in 1947, with Goodyear Trophy victories in mind. This ElectriFly model version excels at sport aerobatics using low-cost brushless power components. It's also a great choice for club racing — or just chasing another Cosmic Wind at any flying site.

- Versatile sport-scale aerobat — with a racing edge.
- Factory-finished fibreglass and wood structures assemble quickly.
- Factory-hinged ailerons add to the time-saving ARTF simplicity.
- Available in red or white, with checkerboard decal sheets included for custom looks.



**Perfect for  
Low-Cost  
Brushless  
Power!**

Wingspan:	915mm (36.0")
Length:	815mm (32.0")
Motor:	1250KV Outrunner
Radio:	4 Channel
Servos:	3 Micro Servos

A-GPMA1810	Cosmic Wind EP ARTF (Red) .....	£149.99
A-GPMA1811	Cosmic Wind EP ARTF(White) .....	£149.99

**FALCON EP ARTF**

The plane that taught thousands of modellers to fly. Introduced in 1962, the Goldberg Falcon was a mainstay at the flying field — becoming the plane that took countless numbers of R/C pilots from the beginning stages into basic aerobatics. The Falcon has now been re-engineered with today's technology, including foam construction and brushless electric power. But the Falcon's classic profile and gentle flight characteristics are just like you remember them... only better.



Wingspan:	940mm (37.0")
Length:	760mm (30.0")
Motor:	1750KV Outrunner
Radio:	4+ Channel
Servos:	3 Micro Servos

- High performance foam makes the airframe strong and lightweight.
- An agile model - suitable for flying indoors or out.
- Rubber bands make attaching the wing simple and fast, and allow the wing to pop off in a crash, preventing excess damage

A-GPMA1940	Falcon EP ARTF .....	£84.99
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**MICRO ALBATROS DV RTF 2.4GHZ**

The Albatros is so compact that you can fly it almost anywhere — and so impressive that it will be the centre of attention wherever you go. Its authentic looks start with the true WWI trim scheme and colours, but go beyond that to include a realistic replica engine in the nose and a pilot figure for the cockpit. Customise the pilot, charge up the pack, and you're ready for long-lasting flights and easy flying.

- 100% complete — ready for takeoff in minutes!
- Takes off from a hand launch or short ROG.
- Smooth, easy 3-channel control.
- Secure 2.4GHz Tactic radio system.
- Flies for up to 10 minutes — charge from the Tx.

A-HCAA2551	FlyZone Micro Albatros DV RTF.....	£74.99
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**Flyzone**  
how high will you soar™

**100%  
Complete!**

Wingspan:	370mm (14.5")
Length:	280mm (11.1")
Weight:	31g (1.1oz)
Radio:	3 Channel - Included

### MICRO SUPER CUB RTF

It's more than a ready-to-fly micro — it's one of today's easiest ways to enjoy an aviation classic. With a wingspan of almost 18", the Super Cub can use almost any open area as a flying field: parks, playgrounds, backyards — even gyms. And since the Super Cub arrives with everything you need, you can be out the door and on your way to the airfield closest to you in next to no time.

- Nothing left to buy! Even "AA" radio batteries are included!
- Factory-finished, all-foam and complete with wing struts, fairings and tailwheel.
- Li-Po pack gives you up to 10 minutes of flight time.
- Includes a new Tactic 2.4GHz micro radio system.

**Everything Included... even Batteries for the Tx!**



**Weights Only 29g!**

Wingspan:	450mm (17.7")
Length:	335mm (13.2")
Weight:	29g (1oz)
Radio:	3 Channel

**A-HCAA2552 Micro Super Cub RTF 2.4GHz..... £74.99**

**Flyzone**  
how high will you soar™



- Fully assembled with colourful trim
- Factory-installed receiver/servo/ESC control module
- 3 channel, 2.4GHz micro radio with built-in battery charger
- Rechargeable 3.7V 130mAh Li-Po flight pack

Wingspan:	450mm (17.7")
Length:	335mm (13.2")
Weight:	29g (1oz)
Radio:	3 Channel

**A-HCAA2550 Flyzone Micro Playmate RTF 2.4GHz ..... £69.99**

### MICRO PLAYMATE RTF 2.4GHz

No time for a trip to the field? Fly the Playmate right where you are, inside or out! With this compact model, you can fly in your yard...in a park...or turn a large indoor area into a convenient, all-weather flying site.

**Easy to Fly!**



### MICRO FOKKER DR1 RTF 2.4GHz

With the Fokker Dr.1, figuring out where to fly it is as easy as everything else about it. Its compact, 14.1" wingspan makes it easy to take almost anywhere, from your own backyard to the gym at the school. And you'll need to decide quick, because the Fokker Dr.1 requires very little assembly - and nothing else. Everything's included; charge your pack and you're ready for fun!

- 100% complete. Requires only a few minutes before flying!
- Includes a new 2.4GHz Tactic 3 channel micro radio
- Arrives finished with a pilot figure, machine gun and installed replica radial for added authenticity.

Wingspan:	360mm (14.1")
Length:	305mm (12")
Weight:	27g (1.27oz)
Radio:	3 Channel



**Flyzone**  
how high will you soar™

**Fly from the Tiniest of Sites!**

**A-HCAA2554 Flyzone Micro Fokker DR1 RTF ..... £84.99**



## MR. MULLIGAN EP ARTF



It was known as the Howard DGA-6 at the factory, but to everyone else, it was simply the Mr. Mulligan. Now, ElectriFly have recreated the all-time racing great in detail as an all-electric replica and impressive, 52" span sport scale flyer!

- Captures the iconic original in realistic detail with a replica radial, working flaps, a 'hidden' battery hatch and painted fibreglass parts.
- Sized for transportation ease — and easy handling in a breeze.
- A pre-built balsa airframe, painted fibreglass parts and factory-applied MonoKote film contribute to fast assembly and superb good looks.
- Perfect for intermediate pilots with a taste for scale looks and electric ease.



Wingspan:	1335mm (52.5")
Length:	1055mm (41.5")
Motor:	3525/07 Required
Radio:	4 Channel
Servos:	4 Micro Servos



A-GPMA1485 Mr.Mulligan EP ARTF..... £229.99

## SPRITE 750 RTF MINI GLIDER

The smallest in a new series of almost ready to fly electric powered foam aircraft from Joysway. Supplied complete with 2.4GHz radio, brushed 180 class pusher motor, 2S 250mAh Li-Po and balance charger.

Flight-ready in a matter of minutes, the Sprite is remarkably easy to fly and makes the perfect first model. Simple to hand launch and will fly from the smallest of fields, it is moulded from tough EPO foam. With rudder, elevator and throttle control, the Sprite uses a lightweight two cell Li-Po which is easily removed for charging via the magnetically attached canopy. Just a few minutes of assembly time required.

Wingspan:	750mm (29.5")
Length:	490mm (19.3")
Weight:	145g (5.12oz)
Motor:	180 class (Inc.)
Radio:	3 Channel (Inc.)

RC hobby world  
**Joysway**



A-JS-6101RTF Sprite 750 RTF Mini Glider 2.4GHz ..... £64.99



# **PERFORMER 1100 GLIDER ARTF**

With a wingspan of 1100mm, the new Performer is just that... a great performer! With aileron, elevator, rudder and throttle control, it has the manoeuvrability to hold the interest of the experienced flyer, but is stable enough to make it suitable for the newcomer too. With a powerful brushless pusher motor mounted safely above the wing, the Performer is simple to hand launch and has sufficient power for gentle aerobatics. Supplied almost ready to fly or complete with 2.4GHz radio with three pre-installed 9g servos plus 2 cell (7.4v) Li-Po and balance charger. Just requires very minor final assembly before taking to the local flying field.

Wingspan:	1100mm (43.25")
Length:	730mm (28.75")
Weight:	420g (14.85oz)
Motor:	Brushless (Inc.)
Radio:	4 Channel (Inc.)

**Joysway** RC hobby world



<b>A-JS-6102</b>	<b>Performer 1100 Glider ARTF.....</b>	<b>£74.99</b>
<b>A-JS-6102/2.4</b>	<b>Performer 1100 Glider 2.4GHz.....</b>	<b>£139.99</b>

# **FREEMAN 1600 GLIDER ARTF**

The largest in this new series of pusher models from Joysway, with a wingspan of nearly 1600mm, it's very easy to see in the air - an important feature when you're learning to fly. Supplied almost ready to fly or complete with 2.4GHz radio, powerful, brushless pusher motor, 18A ESC, four 9g servos plus a 1800mAh 3S Li-Po and balance charger. Very quick to assemble and no glue required! Like the others in the series, it flies from a simple, safe hand launch and with aileron, elevator, rudder and throttle control, it is capable of mild aerobatics.

Wingspan:	1580mm (62.25")
Length:	960mm (37.75")
Weight:	800g (28.2oz)
Motor:	Brushless (Inc.)
Radio:	4 Channel (Inc.)

**Joysway** RC hobby world



<b>A-JS-6103</b>	<b>Freeman 1600 Glider ARTF.....</b>	<b>£89.99</b>
<b>A-JS-6103/2.4</b>	<b>Freeman 1600 Glider 2.4GHz.....</b>	<b>£179.99</b>



**J3-CUB BRUSHLESS ARTF**

With durable EPO foam construction, the new Super Cub is available in two exciting options - as an almost ready to fly model with servos factory installed and ready for your choice of transmitter and receiver, or as a Ready to Fly with Joysway 2.4GHz radio pre-installed. Both versions come complete with powerful brushless motor plus 18A electronic speed controller and require your choice of 2S 1200mAh 15C Li-Po pack and balance charger to complete. With aileron, elevator, rudder and throttle control, the Super Cub makes a great second model or first aileron model when competent with a rudder/elevator aircraft.

With its sprung undercarriage, wing struts and dummy engine, the Super Cub looks as terrific on the ground as it performs in the air.



Wingspan:	950mm (37.5")
Length:	640mm (25.25")
Weight:	455g (16oz)
Motor:	Brushless (Inc.)
Radio:	4 Channel (Inc.)

RC hobby world  
**Joysway**

<b>A-JS-6203</b>	<b>Super Cub Brushless ARTF .....</b>	<b>£84.99</b>
<b>A-JS-6203/2.4</b>	<b>Super Cub Brushless 2.4GHz .....</b>	<b>£144.99</b>

**NINE EAGLES DRACO RTF**

Rotor Ø:	188mm (7.4")
Overall Length:	213mm (8.4")
Motors x 2:	ø6mm - (Inc.)
Li-Po Battery:	3.7v 110mAh - (Inc.)
2.4GHz Radio:	4 Channel - (Inc.)

An easy to fly, electric powered contra-rotating model helicopter with versatile, 4 function, Mode 1 / Mode 2 switchable transmitter and lightweight Li-Po flight battery. Completely ready to fly straight from the box - nothing else required!

- Lightweight, Micro-Size!
- Super Stable Performance.
- Crash Resistant Construction.
- Lithium Polymer Flight Pack Included.
- Multi-Mode Transmitter with Integral Charger.



**A-NE24202001A**      **Nine Eagles Draco RTF..... £64.99**



# SOLO PRO 125

## 3D

The Solo Pro 120 3G flybarless 3D micro helicopter is here! And it is a very capable performer! Its high quality flybarless head gives a stable hover, but amazing agility for 3D aerobatics. Its precision and speed make it feel like you're flying a much bigger helicopter. Ready to fly straight out the box, the model comes complete with Li-Po, charger and quality J6 Pro 2.4GHz transmitter that is FTR compatible - so the Solo Pro 125 can also be flown with your favourite S-FHSS Futaba transmitter!



**3D Capable Micro Heli!**

High quality J6 Pro transmitter features channel reverse, dual rates, CCPM mix set-up, adjustable pitch and throttle curves, gyro sensitivity and more!



A-NE125RTF

Nine Eagles Solo Pro 125 S-FHSS RTF.....£TBA

**Ready to Fly!**

# SOLO PRO 180 3D



**3D Capable Micro Heli!**



The Solo Pro 180 3D is a very high performance flybarless collective pitch 3D micro helicopter. With a flying weight of only 105g, this is one small yet very capable heli! It has a brushless main motor, shaft driven tail and high quality flybarless head design. The Solo Pro 180 really does take micro helicopters to a whole new level. Like the Solo Pro 125, the 180 3D comes complete with the J6 Pro transmitter and is compatible with all S-FHSS Futaba transmitters too!

Rotor Ø:	318mm
Length:	360mm
Motor:	Brushless
Li-Po:	3.7v 680mAh - (Inc.)
Radio:	2.4GHz 6 Channel - (Inc.)



A-NE180RTF

Nine Eagles Solo Pro 180 S-FHSS RTF..... £209.99

A-NE180RTFEUR

Nine Eagles Solo Pro 180 S-FHSS RTF - Euro ..... £209.99





Hot on the heels of the superb Solo Pro, the new Bravo SX from Nine Eagles is sure to excite the scale and sport flying enthusiast. With a detailed scale fuselage based on the popular Hughes 500, the Bravo SX is lightweight, tough and stable in flight. Perfect for flying indoors or outdoors in calm weather. Supplied complete with Mode 1/2 transmitter (with built in battery charger) plus working blue 'navigation' light and spotlight.

- Scale Hughes 500 body.
- Working Lights.
- Crash Resistant Construction.
- Li-Po Flight Pack Included.
- Multi-Mode Transmitter.

Rotor Diameter:	190mm (7.48")
Overall Length:	229mm (9.02")
Motors:	ø6mm x 2 - (Inc.)
Li-Po Battery:	3.7v 110mAh - (Inc.)
2.4GHz Radio:	4 Channel - (Inc.)

A-NE24204001A

Bravo SX RTF ..... £74.99



# SOLO PRO 328

Substantially bigger than the SoloPro, the new 328 has a 330mm diameter rotor and comes complete with Nine Eagles' new J4 Pro transmitter, which means the model is now FTR (Futaba Transmitter Ready) and can also be flown with any Futaba S-FHSS radio - such as the 6J, new 8J and 18MZ! The perfect follow on from a co-axial heli.



Rotor Ø:	330mm (13.0")
Length:	310mm (12.2")
Motors:	180 Class - (Inc.)
Li-Po:	3.7v 500mAh - (Inc.)
Radio:	2.4GHz 4 Channel - (Inc.)

**Futaba  
Transmitter  
Ready!**



A-NE328RTFR	Solo Pro 328 S-FHSS RTF (Red) .....	£99.99
A-NE328FTRR	Solo Pro 328 S-FHSS FTR (Red) .....	£79.99
A-NE328RTFY	Solo Pro 328 S-FHSS RTF (Yellow).....	£99.99
A-NE328FTRY	Solo Pro 328 S-FHSS FTR (Yellow).....	£79.99

### GRP AND CARBON HELICOPTER BLADES AND PADDLES

High quality carbon fibre helicopter main blades are suitable for both Sport and 3D uses. The internal construction is strong and optimised to take advantage of the immense strength that helicopter blades require. When combined with the carbon fibre external laminate, they become exceptionally rigid also. The distinctive white colour scheme identifies the carbon versions yet still maintains good visibility in flight. The GRP versions are identifiable with their white scheme and black flash.



A-RMXCB205	Ripmax Carbon Main Blades 205mm	250 class	£10.99
A-RMXCB360	Ripmax Carbon Main Blades 360mm	500 class	£18.99
A-RMXCB690	Ripmax Carbon Main Blades 690mm	700/61-91 class	£69.99
A-RMXCP060	Ripmax Carbon Paddles 60mm	450 class	£7.99
A-RMXCP068	Ripmax Carbon Paddles 68mm	500 class	£11.99
A-RMXCP088	Ripmax Carbon Paddles 88mm	600/50/500 class	£15.99
A-RMXCP096	Ripmax Carbon Paddles 96mm	600/700 class	£19.99
A-RMXCTB044	Ripmax Carbon Tail Blades 44mm	250 class	£5.50
A-RMXCTB057	Ripmax Carbon Tail Blades 57mm	500 class	£5.99
A-RMXCTB062	Ripmax Carbon Tail Blades 62mm	450/500 class	£7.99
A-RMXCTB070	Ripmax Carbon Tail Blades 70mm	500/550 class	£8.99
A-RMXCTB094	Ripmax Carbon Tail Blades 94mm	600/30/50 class	£12.99
A-RMXCTB103	Ripmax Carbon Tail Blades 103mm	700/91 class	£13.99
A-RMXGB205	Ripmax GRP Main Blades 205mm	250 class	£7.50
A-RMXGB360	Ripmax GRP Main Blades 360mm	500 class	£10.99
A-RMXGB690	Ripmax GRP Main Blades 690mm	700/61-91 class	£49.99

# Ripmax

**2.4GHz...  
Not Infra  
Red!**

# SNIPER



Rotor Ø: 190mm
Length: 230mm
Weight: 38g
Radio: 3 Ch 2.4GHz (Inc.)
Li-Po: 3.7V 180mAh (Inc.)

### RIPMAX SNIPER 2.4GHZ RTF

The new Sniper helicopter offers stability and accuracy... it's the perfect combination! Its sturdy airframe makes this 3 channel helicopter perfect for beginners - although more experienced pilots will love the precise control this model offers. Perfect for spot landing practise around the house!

Unlike other less-well-equipped models of this kind, the Sniper is supplied ready to fly with a 2.4GHz transmitter rather than infra red. The transmitter also doubles up as a charging port and with the included USB charger you'll be ready to dart around the skies in no time!

**A-RMX1000 Ripmax Sniper 2.4GHz RTF.....£29.99**





**The Most Aggressive 3D Machine Ever!**

# EMBLA 450E



Emla is perfect as a first outdoor model after flying with indoor models... but in the hands of an experienced pilot, it is a machine capable of handling the most aggressive 3D flying you ever imagined possible with a 450 size model. Supplied with the all-metal SLM flybarless head, powerful 29/10T/3700 brushless motor and 40A brushless ESC, it requires your choice of 3S 2500mAh Li-Po, suitable radio and 3-axis gyro.

The flybarless design means there is less power loss and a maximum pitch range of  $\pm 16^\circ$  (total of  $32^\circ$ ) is available.

- Factory Painted Fibreglass Canopy.
- All metal  $120^\circ$  SWM swashplate included.
- Carbon main frames used for maximum 3D performance.
- Durable, tried and tested Hirobo belt driven tail.
- Tail rotor hub manufactured from aluminum and stainless steel for maximum strength.
- Carbon vertical fin and horizontal tail.
- 325mm carbon symmetrical main blades included.

**A-H0304-905 Emla 450E SLM Kit w/ESC & Motor..... £449.99**



Rotor Ø	725mm
Length:	657mm
Height:	198mm
Weight:	700g (Approx)
Motor:	29/10T/3700 Brushless (Inc.)
ESC:	40A Brushless (Inc.)
Tail Ø:	153mm

# ST MODEL

## ST MODEL ASW-17 EP ARTF

The German manufactured ASW-17 from the 1970s has been faithfully reproduced in foam by ST Models. The ASW-17 is a potent glider with no need for a tow due to the power supplied by an electric motor mounted at the front of the aircraft. Spotting the ASW-17 will be easy thanks to its 2.11m wingspan and distinctive red-on-white colour scheme.

- 2110mm Wingspan!
- Folding Prop
- Includes Brushless Motor, ESC and servos!
- Distinctive Colour Scheme!

**Easy Disassembly  
for Transport**

**Brushless Motor, ESC  
and Servos Included!**

Wingspan:	2110mm (83.0")
Length:	995mm (39.0")
Motor:	Brushless (Inc.)
Radio:	4 Channel
Servos:	4 Micro Servos (Inc.)

A-STM130

ST Model ASW-17 EP ARTF.....

£89.99

## ST MODEL BEAVER EP ARTF



Wingspan:	1520mm (59.84")
Length:	965mm (38.0")
Motor:	Brushless (Inc.)
Radio:	5 Channel
Servos:	5 Micro Servos (Inc.)

**Working Nav Light  
Set Included!**

# DHC-2 BEAVER

Versatile is the word that best sums up the Beaver EP! It's tough, small enough to fly from the tiniest of fields, is equipped with effective flaps and powerful brushless motor. For operation from water, there's even an optional float set! Supplied factory moulded in durable EPO foam, it is flight ready after minimum final assembly and installation of your choice of radio. Servos are factory fitted, as is the brushless motor and ESC. Perfect for intermediate pilots looking for a second model or first aileron model.

**Optional Scale Float  
Set!**



A-STM140	ST Model Beaver EP ARTF .....	£154.99
A-STM140FL	ST Model Beaver Float Set.....	£15.99



## TECH-ONE VENUS EP ARTF



A highly advanced 'profile' style 3D model that is far more than just the usual foam sheet - the EPO construction proves itself to be both stronger and lighter. Unlike normal 'profile' models, the Venus 3D incorporates a special plastic nose moulding/motor mount to spread the shock of impacts to more of the structure. Just behind it is a special internal compartment for both the ESC and 2S Li-Po battery. The ultra slow speed performance is predictable and dramatic, thanks to the large aileron, elevator and rudder surface areas. The deep fuselage provides great lift for extended knife edge flight.

Wing side force generators are standard and drag brakes for the ailerons are supplied if you want them. The durable nature of the construction makes the Venus 3D suitable for outdoor flying as well on calm days. You can really explore that 'over 1:1' power to weight ratio!

1 hour and some regular cyano will have one ready for flight.



**M-TEC08107**  
Brushless Motor -  
Venus.....£19.99

**Flight Ready in  
Under an Hour!**

**Fly it  
Indoors or  
Out!**

- A-TEC08100B Tech-One Venus EP ARTF (Blue).....£49.99**  
**A-TEC08100R Tech-One Venus EP ARTF (Red).....£49.99**  
**A-TEC08100Y Tech-One Venus EP ARTF (Yellow).....£49.99**



## ELDER 40

The Elder 40's legacy began in 1985, when it was first introduced by Top Flite. Modellers immediately took to this nostalgic-looking kit, and Elder 40s filled the skies at flying fields everywhere. Now Top Flite is bringing this classic back, with one major distinction: Gold Edition CAD engineering, for the most straightforward, most accurate assembly possible. The result is a scale replica of an aviation legend that's a joy to build, as well as a pleasure to fly!



**TF TOP FLITE**

*Wind in the Wires  
Excitement!*

- An ideal second model — can be flight-ready in just a few weekends.
- CAD-engineered, all-wood parts interlock precisely to produce a strong, straight structure; photo-illustrated instructions guide you through the building process.
- Pre-shaped leading and trailing edges and built-up wing tips.
- Handles as easily as any sport plane, with "wind in the wires" excitement.
- The open rear section of the fuselage, with its trusswork and gussets, further exemplifies the plane's vintage heritage.

Wingspan:	1651mm (65.0")
Length:	1005mm (39.5")
Engine:	.46~.55 Two Stroke
	.70~.72 Four Stroke
Radio:	4 Channel
Servos:	7 Servos

**A-TOPA0215 Elder 40 .40-.46 .....£124.99**

## F4U CORSAIR GOLD EDITION 62" ARTF

Regarded by many as the most formidable of all WWII American fighters, the F4U Corsair was a versatile aircraft that provided excellent air and ground support. Now Top Flite have managed to combine Gold Edition engineering with easy ARTF assembly! With all built-up and sheeted wood construction, covered in matt-finish MonoKote the Corsair features functioning multi-section flaps, recessed gauges on the instrument panel for added scale realism with pre-hinged ailerons and flaps to reduce assembly time and effort with hidden rudder and elevator linkages enhance the plane's scale appearance. There's even a full cockpit interior that includes seat and sides, plus a 3D instrument panel with recessed gauges, rudder pedals and joy stick!



Wingspan:	1590mm (62.5")
Length:	1285mm (50.5")
Engine:	.61~.65 Two Stroke
	.91~.95 Four Stroke
Radio:	5+ Channel
Servos:	7+ Servos

**TF TOP FLITE**



**A-TOPA0951 F4-U Corsair Gold Edition 62" ARTF .....£449.99**



**TOP SPEED 3 ARR COMPETITION - WHITE**

Knowledge gained from three successful seasons of race-testing inspired the refinements found in this latest generation of the Top Speed. The result is a .21-size tunnel hull whose superior handling and impressive speed have already earned World Championship titles.

**Perfect for  
O.S. 21XIM  
Power!**

**World  
Champion!**

Length: 915mm (36")	Weight: 2.3kg (5lb)
Height: 154mm (6")	Radio: 2 Channel
Width: 265mm (10.5")	Engine: 3.5cc



**B-AQUB0010 Top Speed 3 ARR Competition White.....£149.99**

**REEF RACER 2 EP RTR**

The super-quick vee-hull Reef Racer 2 comes complete and ready to run, with a durable hull and pre-painted hatch, with factory-applied decals - there's even a painted driver figure! The easily removable watertight covers that protect the electronics equipment and the Reef Racer 2's self-righting hull design ensure non-stop action! With amazing manoeuvrability, it is perfect for pools, small ponds and lakes!

**Ready to  
Run!**



Length: 380mm (15")
Beam: 145mm (5.3")
Radio: 2Ch Included
Battery: 1100mAh (Inc.)

**Available in  
6 colours and  
Frequencies!**

**B-AQUB14 Reef Racer 2 EP RTR .....£94.99**

**MINI ALLIGATOR TOURS AIRBOAT EP RTR**

Learning to drive a full-size airboat can take months. But with the Mini Alligator Tours, getting comfortable behind the wheel takes just a few minutes. Since there's nothing to build, you can be on the water and learning to do skid turns almost immediately. It's a simple little boat that virtually anyone can enjoy. And the best part of it is, that's it's just as affordable as it is fun to run!

A durable injection-moulded cage provides added safety for the driver and effective damage protection for the prop and motor. Charge up a pack, and the powerful 380 motor will deliver up to 10 minutes of exciting airboat action!

Length: 465mm (18.3")
Beam: 175mm (7")
Height: 185mm (7.3")
Weight: 695g (24.06 oz)



**2.4GHz  
Radio  
Included**



**B-AQUB09 Mini Alligator Tours Airboat EP RTR .....£109.99**





### VELA 1 METRE SAIL BOAT 2.4GHZ RTR

While the Vela one metre yacht is easy enough for beginners, it also boasts cutting-edge materials and performance features that make it a worthy competitor. When not on the water, the Vela's impressive dimensions, brilliant colours and included stand make it equally impressive to display.

Except for "AA" batteries for the transmitter, everything required for operation is included - as well as a folding wooden stand!

- Over 6-1/2 feet (2 metres) tall.
- 2.4GHz yacht radio system with high-torque sail servo included.
- High-performance fibreglass racing hull.

**Over 6' Tall!**  
**AQUACRAFT**  
Models

Length:	1016mm (40")
Beam:	165mm (6.5")
Height:	2006mm (79")
Weight:	2720g (6lb)



**B-AQUB0200 Vela 1 Metre Sail Boat 2.4GHz RTR.....£449.99**

### MINI WILDCAT CATAMARAN EP RTR 27FM

New modellers can jump right into R/C boat racing with AquaCraft's Mini Wildcat...and seasoned sailors will enjoy it, too. Twin electric motors power it across the water, with little noise but lots of action - ideal for any local lake or pond.

Length:	380mm (15")
Beam:	145mm (5.3")
Weight:	480g (16.9oz)
Battery:	1100mAh (7.2V) NiMH
Radio:	2 Channel

**AQUACRAFT**  
Models



**Radio, Ni-MH  
Drive Battery and  
12v Field Charger  
included!**



**B-AQUB19 Mini Wildcat Catamaran EP RTR.....£109.99**

### MINIMONO BRUSHLESS 2.4GHZ RTR

The Minimono Brushless 2.4GHz RTR represents a new breed of boat: a mini sized model equipped with a brushless motor and an ESC that can use a Li-Po battery. Its smaller size and responsive handling let you race on smaller bodies of water, and it's very affordable to operate too! Supplied complete with 20A ESC, 2800Kv brushless motor and a quality Tactic 2.4GHz radio system. All you need to race is an 11.1V 1000mAh Li-Po battery and suitable charger, plus 4 AA batteries for the transmitter.

**Perfect for  
smaller ponds  
and pools!**

Length:	405mm (16")
Height:	83mm (3.25")
Beam:	140mm (5.5")
Weight:	285g (10 oz)
Radio:	2 Channel (Inc.)
Motor:	2800Kv (Inc.)

**AQUACRAFT**  
Models



**B-AQUB1805 Minimono Brushless 2.4GHz RTR..... £159.99**



**MOTLEY CREW CATAMARAN RTR 2.4GHZ**

Right down to the licensed trim scheme, AquaCraft's Motley Crew Fast Electric Catamaran captures the exciting style of Ron & Scott Roman's world champion offshore racer. All the latest performance parts are here - including a brushless power system and 2.4GHz radio - for dominating the competition at the highest levels. But the Motley Crew is also easy enough for sport modellers to enjoy!

Length:	808mm (31.75")
Beam:	264mm (10.4")
Radio:	2.4GHz (Inc.)
Motor:	6 Pole 1800kV (Inc.)

Just requires 2 x 7.4V 4200mAh

Li-Po batteries and 4 AA batteries to complete.

**B-AQUB2100**

**Motley Crew Catamaran RTR 2.4GHz..... £449.99**



**AQUACRAFT**  
Models

**Durable  
Ripstop  
Nylon  
Sails!**

**Height  
of 2M!**

**Also  
Available  
in Red!**

**Quality  
GRP  
Hull!**



High Quality 2  
Channel  
Fully Proportional  
2.4GHz Radio  
Included

Master the elements with Joysway's new Focus Yacht. A large, 1 metre long yacht, this model is sure to cause ripples at the local pond or boat club. Factory finished from quality durable components and requiring just AA batteries to complete. Quality 2.4GHz radio and sail winch servo included.

Length:	450mm (17.71")
Beam:	165mm (6.49")
Mast Height:	600g (21.16oz)
Overall Height:	2040mm (80.1")
Radio System:	2 Channel (Included)
Total Sail Area:	62dm² (961in²)
Total Weight:	3.2Kg (7.1lb)

**B-JS-9902 Joysway Focus Yacht (Red)..... £229.99**  
**B-JS-9902BLK Joysway Focus Yacht (Blue)..... £229.99**

RC hobby world  
**Joysway**

# WARRIOR OFFSHORE LITE

RC hobby world  
**Joysway**

**Ready to Run!**

**30km/h  
Top Speed**

Offering the perfect blend of high performance at an incredible low price, the new Joysway Warrior Offshore Lite is all set to make a big splash!

The all moulded hull is supplied complete with a factory fitted water cooled motor, matching 30A ESC, 9 gram servo, new 2 Channel 2.4GHz transmitter, 7.2V Ni-MH battery and mains operated charger.

Maximum fun - with minimum spending!

**B-JS-8206 Warrior Offshore Lite..... £74.99**

Length:	420mm (16.5")
Beam:	120mm (4.75")
Weight:	450g (15.9oz)
Servos:	1x9g (Included)
Radio:	2 Channel 2.4GHz (Included)

**Everything Included!**



# SEA RIDER Offshore Lite

RC hobby world  
**Joysway**

**Ready to Run!**

**Everything Included!**

The bigger brother to the Magic Cat, the Sea Rider Offshore Lite has the same specification and inclusions as the Warrior Offshore Lite above... only in a catamaran format, rather than the deep vee hull.

Supplied with everything in the box... 2.4GHz transmitter, 9 gram steering servo, 7.2V Ni-MH and charger. Let the fun begin!

Length:	420mm (16.5")
Beam:	120mm (4.75")
Weight:	455g (16.0oz)
Servos:	1x9g (Included)
Radio:	2 Channel 2.4GHz (Included)

**B-JS-8208 Sea Rider Offshore Lite..... £74.99**





# SUPER MONO X

RC hobby world  
**Joysway**



**45km/h  
Top Speed**



Take a high performance mono hull design and equip it with a water-cooled 2212-3300kV out-runner brushless motor and you get the Super Mono X! With a top speed of around 45km/h, it certainly doesn't hang around. Featuring a CNC aluminium alloy rudder, stainless steel turn fins and trim tabs, the Super Mono X uses an efficient 3.2mm flex drive to the two-blade nylon waterscrew. Supplied with a powerful 9g steering servo, 20A ESC and motor plus 2.4GHz radio system, it requires your choice of 3S (11.1v) 1300~1800mAh Li-Po and balance charger to complete.

Perfect for your local pond, river or model boating area. Seriously fast, easy to control and great fun!

Length:	420mm (16.5")
Beam:	120mm (4.75")
Weight:	450g (15.9oz)
Servos:	1x9g (Included)
Radio:	2 Channel 2.4GHz (Included)



- Factory installed 2.4GHz Radio System.
- 20A Electronic Speed Controller and powerful 3300kV Brushless Outrunner motor included.
- Moulded ABS hull.

**B-JS-8209 Super Mono X .....£119.99**

SUPER 1000 WILDCAT

# Wildcat

RC hobby world  
**Joysway**



**80+km/h  
Top Speed!**



With the Wildcat, it's all about performance!

Boasting an incredible 80+ km/h top speed it has a high quality fibreglass hull and comes complete with three channel 2.4GHz radio and 9Kg steering servo. Power - and there's plenty of it! - comes from the factory installed 4-pole water cooled brushless motor and 100A ESC. Drive to the 3 blade metal waterscrew is via a 5mm flex drive. Of course the rudder and support is CNC machined from aluminium. Two 3S 4000mAh 30C Li-Po batteries are required to complete.

- Factory installed 2.4GHz Radio System.
- 100A Electronic Speed Controller and powerful Brushless motor included.
- Fibreglass hull.

Length:	870mm (34.25")
Beam:	290mm (11.42")
Weight:	2700g (95.25oz)
Servos:	1x9Kg (Included)
Radio:	3 Channel 2.4GHz (Included)

**B-JS-9502S Wildcat Catamaran.....£449.99**

# SILVERLINE EP

Hull Length:	1200mm (47.24")
Total Length:	1300mm (51.18")
Beam:	340mm (13.38")
Weight:	5.3kg (11.68lb)

**80+km/h  
Top Speed!**

The Silverline is a high performance Deep Vee boat with a 1.2m long fibreglass hull and the choice of brushless electric or 26cc petrol power. Both models come complete with high quality 3 channel 2.4GHz radio and powerful 9Kg steering servo. Power is transferred to the 2 blade metal waterscrew via a tough 6mm flex cable drive and the model is controlled by a CNC machined aluminium rudder and hardware.

This version, the EP, comes complete with a 4 pole brushless motor and 120A ESC that is capable of powering the model to a blistering 80+km/h.

Requires an 8S (29.6V) 5000Ah 35C Li-Po pack, suitable balance charger and 12 AA batteries for the transmitter and receiver.

**B-JS-9111H Silverline RTR EP 2.4GHz.....£749.99**



## INCLUDED

- Water Cooled 4 Pole 5692 Brushless Inrunner Motor.
- Water Cooled 120A HV Brushless ESC.
- Powerful 9Kg Steering Servo.
- 2.4GHz 3 Channel Proportional Radio System.
- 6mm Flex Drive System.
- 2 Blade CNC Aluminium Alloy Waterscrew.

# SILVERLINE GP

The GP version of the Silverline comes with a factory installed 26cc petrol engine with effective muffler and a 500cc fuel tank that gives 20+ minute run times. Just requires unleaded petrol, two stroke oil and 12 AA batteries for the transmitter and receiver.

Hull Length:	1200mm (47.24")
Total Length:	1300mm (51.18")
Beam:	340mm (13.38")
Weight:	6.1kg (13.44lb)

**60+km/h  
Top Speed!**



## INCLUDED

- 26cc Water Cooled Petrol Engine with Muffler.
- Powerful 9Kg Steering Servo and 37g Throttle Servo.
- 2.4GHz 3 Channel Proportional Radio System.
- 6mm Flex Drive System.
- 500cc Fuel Tank.
- 2 Blade CNC Aluminium Alloy Waterscrew.

**B-JS-9111A Silverline RTR 2.4GHz w/26cc.....£599.99**



# F1EP

**80+km/h!**

Hull Length:	1020mm (40.15")
Total Length:	1220mm (48.03")
Beam:	450mm (17.71")
Weight:	6.2kg (13.66lb)

Tunnel hulls always look quick - even before they hit the water... and the Joysway F1 is no exception!

It features a high quality fibreglass hull and top deck and detailed Mercury outboard housing the rudder and 2 blade CNC aluminium alloy waterscrew. This EP version comes complete with a 4 pole brushless motor and 120A ESC that is capable of powering the model to over 80km/h! Requires an 8S (29.6V) 5000Ah 35C Li-Po pack and charger.

**B-JS-9113H F1 EP RTR 2.4GHz.....£749.99**



## INCLUDED

- Water Cooled 4 Pole 5692 Brushless Inrunner Motor.
- Water Cooled 120A HV Brushless ESC.
- 2.4GHz 3 Channel Proportional Radio.
- Powerful 9Kg Steering Servo.
- 6mm Flex Drive System.
- 2 Blade CNC Aluminium Alloy Propeller.

RC hobby world  
**Joysway**



# US-1 EP

**Fibreglass Hull**

Take your passion for high performance catamarans to the next level with the US-1! Like the Silverline, it is available in a choice of brushless electric or 26cc petrol power. Supplied complete with high quality 3 channel, 2.4GHz pistol grip radio, high torque 9Kg steering servo and beautifully CNC machined waterscrew, aluminium alloy rudder and hardware. The EP version here comes complete with a 4 pole brushless motor and 120A ESC that is capable of powering the model to amazing 80+km/h. Requires an 8S (29.6V) 5000Ah 35C Li-Po pack, suitable balance charger and 12 AA batteries for the transmitter and receiver.

**80+km/h  
Top Speed!**

RC hobby world  
**Joysway**



Hull Length:	1160mm (45.66")
Total Length:	1285mm (50.59")
Beam:	405mm (15.94")
Weight:	5.8kg (12.7lb)

#### INCLUDED

- Water Cooled 4 Pole 5692 Brushless Inrunner Motor
- Water Cooled 120A HV Brushless ESC
- 2.4GHz 3 Channel Proportional Radio
- Powerful 9Kg Steering Servo
- 6mm Flex Drive System
- 2 Blade CNC Aluminium Alloy Propeller

**B-JS-9112H US-1 EP RTR 2.4GHz ..... £749.99**

# US-1 GP

Hull Length:	1160mm (45.66")
Total Length:	1285mm (50.59")
Beam:	405mm (15.94")
Weight:	6.6kg (14.55lb)

**60+km/h  
Top Speed!**

The GP version of the Silverline comes with a factory installed 26cc petrol engine with effective muffler and a 500cc fuel tank that gives 20+ minute run times. Just requires unleaded petrol, two stroke oil and 12 AA batteries for the transmitter and receiver.

**B-JS-9112A US-1 RTR 2.4GHz w/26cc.....£599.99**



#### INCLUDED

- 26cc Water Cooled Petrol Engine with Muffler.
- Powerful 9Kg Steering Servo and 37g Throttle Servo.
- 2.4GHz 3 Channel Proportional Radio System.
- 6mm Flex Drive System.
- 500cc Fuel Tank.
- 2 Blade CNC Aluminium Alloy Waterscrew.



Hull Length:	1020mm (40.15")
Total Length:	1220mm (48.03")
Beam:	450mm (17.71")
Weight:	7kg (15.43lb)

**Fibreglass Hull**

# F1 GP

RC hobby world  
**Joysway**



**Tuned Pipe  
Included!**

**60+km/h  
Top Speed!**

In keeping with the high performance hull design, the GP version of the F1 comes complete with powerful 26cc petrol engine and tuned pipe.

#### INCLUDED

- 26cc Water Cooled Petrol Engine with Muffler.
- Powerful 9Kg Steering Servo and 37g Throttle Servo.
- 2.4GHz 3 Channel Proportional Radio System.
- 6mm Flex Drive System.
- 500cc Fuel Tank.
- 2 Blade CNC Aluminium Alloy Waterscrew.

**B-JS-9113A Joysway F1 RTR 2.4GHz w/26cc..... £649.99**

# NITRO RAIL

1/8TH RTR OFF ROAD BUGGY

## XTM NITRO RAIL

The Nitro Rail has been designed with the characteristics of a full-size sand rail. However, the Nitro Rail isn't restricted to sand use... the factory-installed all-terrain tyres allow you to take the Nitro Rail on all surfaces, from dirt to street, and everywhere in between!

The Nitro Rail Off-Road Buggy is unlike any 1/8th scale vehicle available today. In true sand-rail style, the Nitro Rail is a nitro burning, rooster tail kicking, exhilarating beast with looks to kill. The hard-core performance drivetrain, with its tunable, race-inspired design of triple differential gives you the power to put maximum traction to the dirt. Powered by the big-block XTM .28 Racing engine, you'll have horsepower-on-demand to tear it up whether you're backyard bashing or catching big air in the dunes or on the track. The heavy-duty suspension will handle it easily with its multi-link arms, coil-over adjustable position shocks and adjustable geometry.

**.28 Nitro Power!**

**Ready to Run!**

Rollcage opens for easy access and maintenance!



- Custom Aluminium Roll Cage.
- 4mm Aluminium Shock Towers.
- Heavy-Duty Drive-Line with Chrome-Plated Front CVDs.
- Adjustable Bi-Level High-Downforce Wing.
- Aluminium Side Frames Integrate with Chassis and Roll Cage.
- Adjustable Toe-in and Camber, Front and Rear.
- Adjustable Front, Centre and Rear Differentials with the use of After-Market Silicone Oils.
- All-Terrain Tyres Mounted on Black Wheels with Metal Rings.
- Many Option Parts Available for Increased Performance and Handling.
- Factory-Assembled with Factory-Printed Body Shell.
- Powerful .28 Rear Exhaust Nitro Engine with Pull-Start.
- High-Torque Tuned Pipe with Matching Exhaust Header.
- Dual Vented Disc Brakes.
- Large Fuel Tank with Splash Guard and Overflow Tube.
- Full Set of Sealed Ball Bearings for Drive-Line.
- High-Torque Metal-Geared Steering Servo.
- Threaded Aluminium Shocks with 3.5mm Shock Shafts.

Length: 529mm (20.82")	Servos: Hi Torque M. Geared Steering (Inc.)
Height: 180mm (7.08")	I.C. Engine: XTM .28 (Inc.)
Weight: 3.74kg (8.25lb)	Radio System: 2 Channel (Inc.)

**C-XTM-RAIL Nitro Rail 1:8 4WD RTR w/XTM28.....£359.99**





# OPTIMUS



**1/8 Scale EP**

**Ready to Run  
with 2.4GHz  
R/C!**

**Supplied Complete  
with Computer Radio,  
2600mAh Li-Po and Charger!**

Length: 493mm (19.4")	Radio: 2.4GHz (Inc.)
Width: 307mm (12.1")	Motor & ESC: Brushless & 60A (Inc.)
Height: 172mm (6.76")	Servo: 9kg Metal Geared (Inc.)

Primed for action! The DHK Optimus combines power and performance in a devastating package that will leave all other RTR buggies wanting. A potent 60A brushless speed controller helps regulate power from the brushless motor. Three all-metal geared differentials help transfer such monstrous power to all four wheels; the front two being steered by a ballraced 9kg metal geared servo - whilst the universal joints ensure smooth rotation with reduced friction. The anodised aluminium chassis is balanced at all four corners by full metal bodied shock absorbers working in conjunction with the included front and rear roll bars to minimise chassis roll and improve all-round grip.

Unusually for a car in this class, the transmitter, featuring a fully computerised 2.4GHz FHSS system, has a full LCD display for programming. Included as standard is 240v AC, balance charger that can deliver 1A of charging. Another rare feature in a car at this price level.

If you are looking for a serious 1/8th electric buggy, with amazing performance and specification but would rather not break the bank, the DHK Optimus is the only logical choice.



**See the Optimus in Action!**  
[www.youtube.com/ripmaxltd](http://www.youtube.com/ripmaxltd)



**C-DHK8383 DHK Optimus 4WD EP Buggy (Brushless) ..... £284.99**



## CROCODILE 2WD BUGGY 1:5 SCALE 30CC

The Crocodile redefines 'value for money' by offering a big, 2WD buggy with 2.4GHz radio and a powerful 30cc petrol engine that is fully assembled. Steering comes courtesy of a 20kg metal geared servo.

Gears in the drive train are all metal as are the drive shafts and joints. Once set, the engine's mixture will hardly ever need adjustment and an optional Tuned Pipe is also available. Throw in rough terrain and jumps and the Crocodile will just take it all in its stride!

### Crocodile 2 Speed

Take a Crocodile and make it faster! That is exactly what this upgrade car offers. This version offers an automatic-change, two-speed gearbox. The all-metal design is mega-strong to take the power. Why not add the optional tuned pipe and really see what large scale, off-road performance is all about.

**2.4GHz Radio Included!**

Length:	700mm (27.55")
Width:	400mm (15.74")
Height:	350mm (13.77")
Weight:	8.3kg (18.38lbs)
Engine:	30cc Petrol

C-RH501	River Hobby Crocodile Buggy.....	£399.99
C-RH501T	River Hobby Crocodile Buggy (2 Speed) .....	£449.99

(2 Speed Car Shown)

High Quality  
2.4GHz  
Radio  
Included.



**30cc  
Petrol  
Power  
RTR for  
Under £450!**



## BLAZE 2WD TRUGGY 1:5 SCALE 30CC

Based on the tough Super Crocodile chassis and drive train, the Blaze 'truck' features larger wheels and tyres, to match its truggy inspired bodyshell. The increase in track affords a little more lateral stability and those huge tyres and wheels give even better grip on a variety of surfaces. The stylish body shell is factory finished in a very visible colour scheme leaving you in no doubt that this truck means business!

### Blaze 2 Speed

Now there's an even faster Blaze... a 2-speed upgrade version! Between the clutch and the output shaft to the differential gearbox is an auto-change, two-speed gearbox. The all-metal design is mega strong to take the power that the 30cc engine and terrain throw at it. You can really explore that additional performance by utilising the extra stability that the increased track offers.

C-RH502	River Hobby Blaze Buggy .....	£399.99
C-RH502T	River Hobby Blaze Buggy (2 Speed) .....	£449.99

(Single Speed  
Car Shown)

Length:	700mm (27.55")
Width:	400mm (15.74")
Height:	350mm (13.77")
Weight:	8.3kg (18.38lbs)
Engine:	30cc Petrol



**2.4GHz  
Radio  
Included!**



# CEN MATRIX

## ONE CHASSIS : FOUR CONFIGURATIONS

The newly developed 1/5th scale petrol powered RC vehicles by CEN feature permanent 4WD and offer superior performance to that of their contemporaries. 30cc of petroleum powered potency is mated to an aluminium countersunk chassis, damped at all four corners by ultra big bore threaded aluminium oil filled shocks that absorb rough terrain while maintaining balance and control, making these 1/5th scale monsters some of the largest, most powerful R/C cars of this type around! Simply choose a vehicle style that best suits your driving and prepare the ground!

**SHORT  
COURSE**

**MONSTER  
TRUCK**

**Ready  
To Run!**

**BUGGY**

**TRUGGY**

**30cc  
Petrol  
Engine  
Power!**

- Choice of 4 Models
- 30cc Petrol Power
- Huge 1/5 Scale
- Permanent 4WD
- All Metal Transmission
- Long Stroke Shocks
- Countersunk Chassis
- Pre-Painted Shell
- Ready To Run
- Length: 750mm
- Height: 330mm
- Width: 450mm
- Wheelbase: 520mm
- Weight: 15Kg



**Quality  
2.4GHz  
Radio  
Included**



C-CEN5003	Matrix 5-T 1:5 Truggy 4WD RTR w/30cc.....	£659.99
C-CEN5007	Matrix 5-SC 1:5 Short Course 4WD RTR w/30cc.....	£659.99
C-CEN5001	Matrix 5-MT 1:5 Monster Truck 4WD RTR w/30cc.....	£659.99
C-CEN5002	Matrix 5-B 1:5 Buggy 4WD RTR w/30cc.....	£649.99

### BLADE BALANCER 450/500 SIZE

A high quality precision balancer suitable for smaller helicopters up to 500 size. Made from a combination of carbon fibre and CNC cut, anodised aluminium parts with ballraces. Ready to use right out of the box!!!



**A-RMXBAL450** Blade Balancer 450/500 Size .....£13.99

### SKYRC IMAX BLADE BALANCER

An professional blade balancer designed for making sure your blades are in perfect balance. Use this tool to precisely balance main blades, tail blades, props, ducted fans, head assemblies and more!

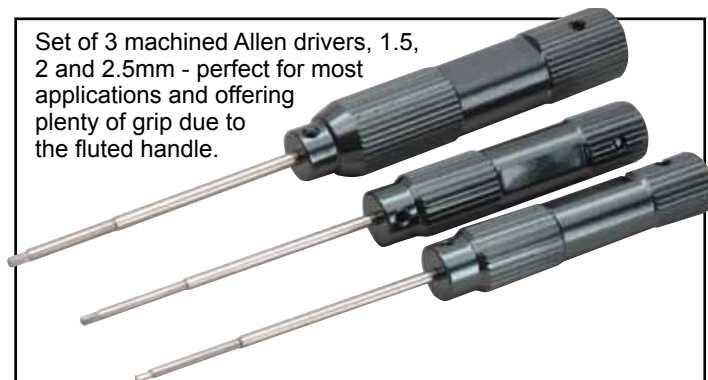
- Adjustable diameter shaft from 3mm -15mm.
- 6 Precision ball bearings.
- Spirit level in base.
- Magnetic suspension for minimum friction.
- Many applications - from props to complete head assemblies.
- Precise balancing with stable base.
- Weighs only 365g.

**Prop  
Balancing!**



**E-SKYBB00C200** Sky RC IMAX Blade Balancer .....£25.99

Set of 3 machined Allen drivers, 1.5, 2 and 2.5mm - perfect for most applications and offering plenty of grip due to the fluted handle.



**T-MG51124** Allen Driver Set (1.5/2/2.5mm) ..... £14.50



Epoxy required? Think Devcon! Adheres to a wide range of materials such a metal, wood, concrete, glass, china and ceramics. Now available in a new easy-mix syringe in both 5 minute and slower setting, high strength, 2 ton variations plus a new five minute epoxy in 1.25oz tubes.

<b>S-DV031A</b>	<b>Devcon 2 Ton Epoxy - 25ml</b>	<b>£5.25</b>
<b>S-DV206A</b>	<b>Devcon 5 Minute Epoxy - 1.125oz Tube</b>	<b>£9.99</b>
<b>S-DV208A</b>	<b>Devcon 5 Minute Epoxy - 25ml</b>	<b>£5.25</b>

**Precise Blade  
Balancing!**

**Rotor Head  
Balancing!**



**O.S. MAX 12XZ**

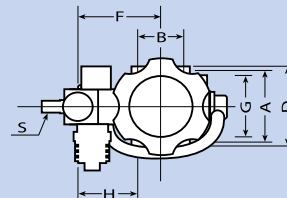
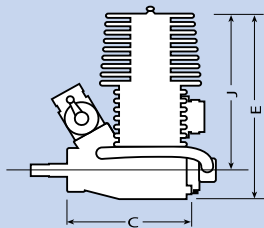
The MAX-12XZ has been developed to satisfy the power demand of all the 1/10 touring car enthusiasts from expert to sportsman drivers. This is not a superficial model change... most of the major parts have been newly designed for improved performance to cope with the ever-evolving changes in chassis design. A new material has been used for the connecting rod for increased durability and the crankcase has been 'beefed up' for increased rigidity.



**L-OS11670 O.S. MAX 12XZ.....£199.99**

Dimensions (mm):

A: 31.4  
B: 11  
C: 52.4  
D: 39  
E: 90.1  
F: 34.9  
G: 25.4  
H: 29.4  
J: 76.6  
S: UNF 1/4-28



Displacement:	2.1cc (0.128cu.in.)	Power Output:	1.65PS @ 34,000rpm
Bore:	13.8mm (0.543in.)	Practical RPM:	5,000 ~ 40,000rpm
Stroke:	14mm (0.551in.)	Weight:	236g (8.33oz)

**O.S. MAX 19XZ-B**

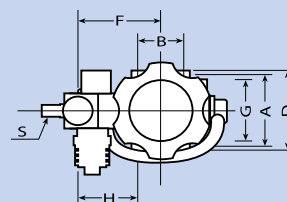
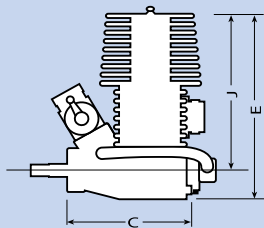
Ever wanted fewer pit stops during a race to extend your lead over your competitor? The O.S. 19XZ-B Speed offers 10% better fuel economy over the current 21XZ-B Speed, but with the 21J2 carburettor and 6mm carburettor reducer it still has all the performance you need to win. The 19XZ-B Speed also has a DLC (Diamond Like Coating) coated crankshaft and ceramic bearings to reduce rolling resistance.



**L-OS11950 O.S. MAX 19XZ-B.....£349.99**

Dimensions (mm):

A: 37.0  
B: 21.0  
C: 64.5  
D: 45  
E: 101.8  
F: 44  
G: 31.6  
H: 33.5  
J: 86.2  
S: UNF 1/4-28



Displacement:	3.1cc (0.19 cu.in.)	Power Output:	2.3PS @ 34,000rpm
Bore:	15.8mm (0.62in.)	Practical RPM:	4,000 ~ 40,000rpm
Stroke:	15.8mm (0.62in.)	Weight:	343g (12.1oz)

**O.S. MAX 21XZ-R VER II**

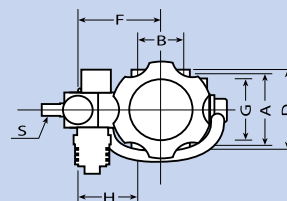
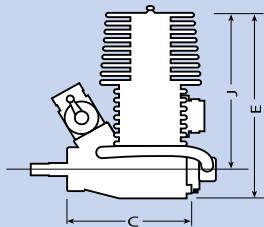
The 21XZ-R Version II's aggressive timing puts explosive acceleration and top-end speed at your fingertips, while surprising starting ease lets you unleash its race-winning potential right out of the box. The 21M carb is unmatched for smooth, linear acceleration, too. Performance tuning options include a carb restrictor as well as four adjustable settings.



**L-OS13875 O.S. MAX 21XZ-R Ver II.....£279.99**

Dimensions (mm):

A: 37.0  
B: 21.0  
C: 65.6  
D: 45  
E: 102.4  
F: 44  
G: 31.6  
H: 33.5  
J: 86.8  
S: UNF 1/4-28



Displacement:	3.49cc (0.212cu.in.)	Power Output:	2.75PS @ 33,000rpm
Bore:	16.27mm (0.640in.)	Practical RPM:	4,000 ~ 45,000rpm
Stroke:	16.8mm (0.661in.)	Weight:	343g (12.1oz)

**O.S. SPEED 21XZ-R**

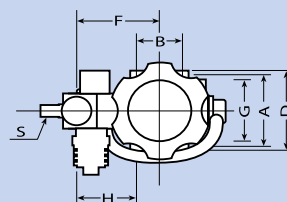
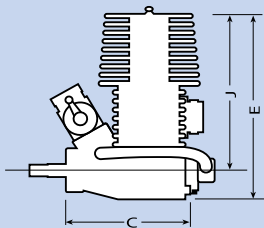
Think of it as a 21XZ-R Version II on performance-enhancers. It offers the same fuel-stretching time advantage, but even more aggressive timing for added horsepower and the fastest lap times you've ever turned. It wowed the crowd at the 1/8 Scale On-Road Worlds in Miami, Florida, when team drivers turned in 4th & 5th place finishes with production models.



**L-OS13880 O.S. Speed 21XZ-R.....£339.99**

Dimensions (mm):

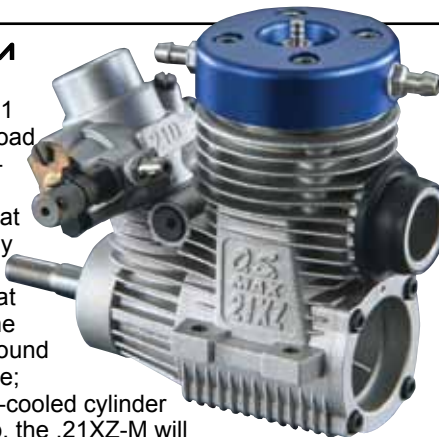
A: 37.0  
B: 21.0  
C: 65.6  
D: 45  
E: 101.9  
F: 44  
G: 31.6  
H: 33.5  
J: 86.3  
S: UNF 1/4-28



Displacement:	3.49cc (0.212 cu.in.)	Power Output:	2.8PS @ 33,000rpm
Bore:	16.27mm (0.640in.)	Practical RPM:	4,000 ~ 45,000rpm
Stroke:	16.8mm (0.661in.)	Weight:	338g (11.9oz)

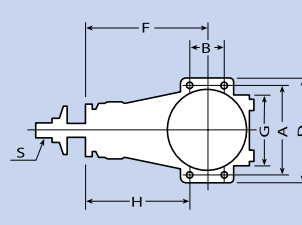
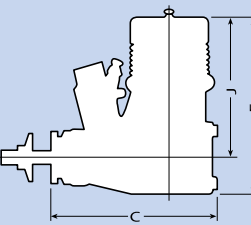
### O.S. MAX 21XZ-M

Based on the .21XZ-R performance at the 2011 IFMAR 1/8 scale On-Road World Championships - the .21XZ-M Inboard Marine Engine takes that race-winning technology and applies it to dominating .21-size boat competition! Many of the performance features found on the .21XZ-R are here; and by utilizing a water-cooled cylinder head and big-bore carb, the .21XZ-M will assert itself on the water with the same resounding success!



Dimensions (mm):

A: 37  
B: 21  
C: 64.5  
D: 45  
E: 81.75  
F: 44.5  
G: 31.60  
H: 33.5  
J: 66.2  
S: UNF 1/4 - 28



Displacement:	3.5cc (0.21cu.in.)	Power Output:	2.8PS @ 33,000rpm
Bore:	16.27mm (0.640")	Practical RPM:	4,000 ~ 45,000rpm
Stroke:	16.8mm (0.661")	Weight:	307.5g (10.85oz)

**L-OS13951 O.S. MAX 21XZ-M ..... £319.99**

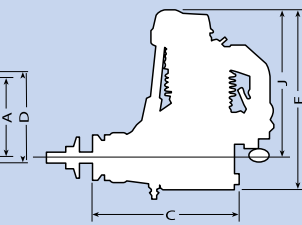
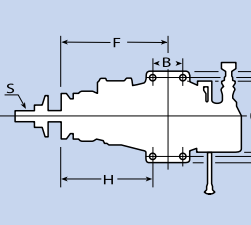
### O.S. FS-62V

The second engine in a completely new series of four strokes aimed squarely at the sport and scale modeller. Styling is deliberately 'retro' and in keeping with the style of the very first OS four strokes. Far better silencing is given from the included new F-4050, baffled, twin chamber silencer with an O-ring seal between the cast sections and variable length header pipe.



Dimensions (mm):

A: 44  
B: 17.5  
C: 102.8  
D: 51  
E: 105.1  
F: 60  
G: 34.1  
H: 51.3  
J: 87.5  
S: UNF 5/16-24



Displacement:	10.11cc (0.617cu.in.)	Power Output:	1.1PS @ 11,000rpm
Bore:	25mm (0.984")	Practical RPM:	2,400 ~ 11,000rpm
Stroke:	20.6mm (0.81")	Weight:	442g (15.59oz)

**L-OS30600 O.S. FS-62V w/F-4050 Silencer ..... £229.99**

### O.S. GT33 PETROL



The second engine in the latest O.S. GT series of petrol engines is designed for the new class of models that are emerging onto the market that are specifically targeted at this size and type of engine. Many of these models are sleek in design, so O.S. has chosen a rear mounted Walbro carburettor with reed valve induction.

The advantage of spark ignition petrol engines over regular glow engines is the optimised ignition timing across the rev range that will not change as load goes on and off. Like its bigger brother, the GT-55, the GT-33 is a purpose designed model engine and is not based on a modified industrial unit. The GT-33 has been optimised in both internal and external shape to provide class leading power and torque in a compact, light package.

E-5030 'Pitts' style silencer included for unobtrusive yet effective silencing with minimal power loss.



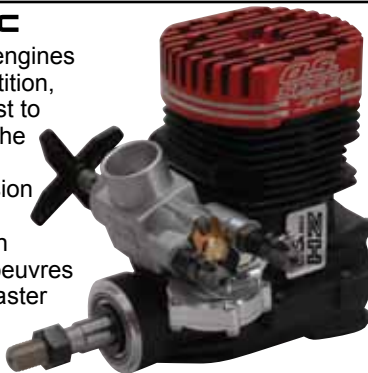
Displacement:	32.98cc (2.013cu.in.)	Power Output:	3.9PS @ 9,000rpm
Bore:	36mm (1.417")	Practical RPM:	1,800 ~ 8,000rpm
Stroke:	32.4mm (1.276")	Weight:	1230g (43.4oz)

**L-OS38300 O.S. GT33 Petrol w/E-5030 Silencer ..... £369.99**



**O.S SPEED 91HZ-R 3C**

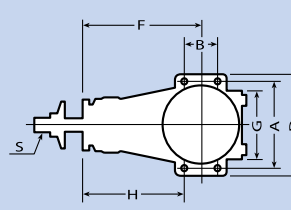
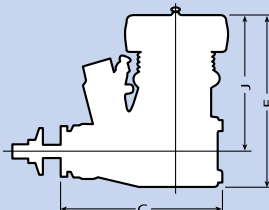
When it comes to designing engines expressly for the F3C competition, OS is on a never ending quest to produce the best engines in the world, culminating in the new Max 91HZ Ring. The 3C version of the 91-HZ is designed expressly for F3C competition with controlled, precise manoeuvres in mind so you can achieve faster flight speeds and improved hovering stability.



**L-OS18641 O.S. Speed 91HZ-R 3C...£394.99**

Dimensions (mm):

A: 52  
B: 25  
C: 98  
D: 61  
E: 102.7  
F: 54.4  
G: 43  
H: 42.9  
J: 81.2  
S: UNF 5/16-24



Displacement:	14.95cc (0.91cu.in.)	Power Output:	3.4PS @ 15,000rpm
Bore:	27.7mm (1.09in.)	Practical RPM:	2,000 ~ 16,500rpm
Stroke:	24.8mm (0.976in.)	Weight:	625g (22.05oz)

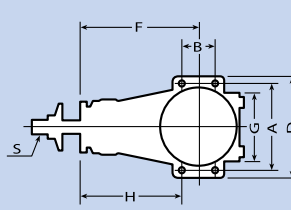
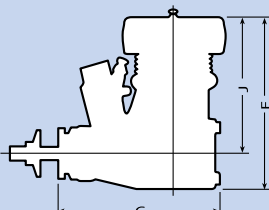
**O.S SPEED 91HZ-R 3D W/PIPE**

O.S. is taking their new 91HZ-R to even higher levels of performance thanks to the new "on demand" regulator system. Designed specifically for this engine, the system guarantees the steady fuel supply needed for the most-demanding of 3D flights with constant, vigorous attitude and throttle changes.



Dimensions (mm):

A: 52  
B: 25  
C: 98  
D: 61  
E: 102.7  
F: 54.4  
G: 43  
H: 42.9  
J: 81.2  
S: UNF 5/16-24



Displacement:	14.9cc (0.91cu.in.)	Power Output:	3.6PS @ 15,500rpm
Bore:	27.7mm (1.09")	Practical RPM:	2,000 ~ 16,500rpm
Stroke:	24.8mm (0.98")	Weight:	603g (21.2 oz)

The 91HZ-R also performs well as an F3C powerhouse providing a steady, smooth run and exacting mixture controls.

**L-OS18645 O.S. Speed 91HZ-R 3D w/Pipe .....£499.99**

**O.S. MAX 21XM VER II OUTBOARD**

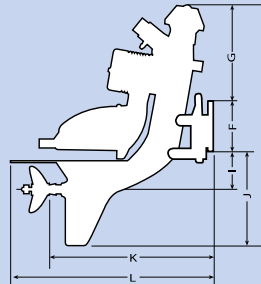
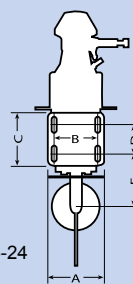
Take down the competition with the 21XM Version II Outboard Marine engine from O.S.! Designed expressly for small and medium sized outboard boats, it retains many of the features found on the successful 21XM, including the 20J carburettor and #8 glow plug. New additions include efficient air cooling, a larger muffler, aluminium tilt transom mounting plate, outboard unit with flexible propeller and blue anodised aluminium heatsink head.



**The Complete Outboard Unit!!**

Dimensions (mm):

A: 48.5  
B: 37.5  
C: 46  
D: 25  
E: 45  
F: 46  
G: 87  
H: 219  
I: 34.5  
J: 86  
K: 149.5  
L: 183  
S: UNF 5/16-24



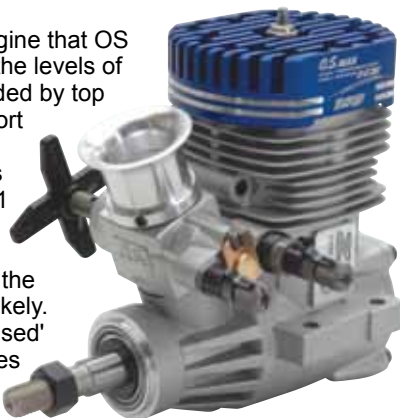
Displacement:	3.5cc (0.21cu.in.)	Power Output:	1.3hp @ 25,000rpm
Bore:	16.6mm (0.654")	Practical RPM:	3,000 ~ 25,000rpm
Stroke:	16mm (0.630")	Weight:	682g (24oz)



**L-OS13941 O.S. MAX 21XM Ver II Outboard .....£339.99**

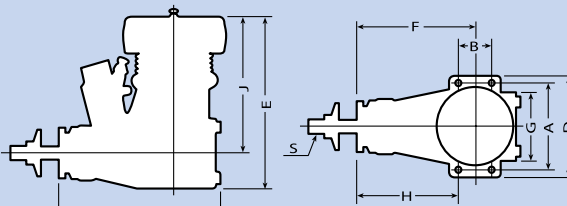
### O.S. MAX 105HZ

The biggest helicopter engine that OS have ever made delivers the levels of torque and power demanded by top fliers for both F3C and sport applications. The 15% increase in capacity offers a big increase over the .91 class engines yet still fits in mounts designed for that class. Modification to the cooling shroud is also unlikely. The distinctive 'blue anodised' cylinder head distinguishes the 105HZ engines from the 91HZ series yet retains the HZ series styling overall.



Dimensions (mm):

A: 52  
B: 25  
C: 82.6  
D: 61  
E: 105.2  
F: 88.7  
G: 43  
H: 56.4  
J: 79  
S: UNF 5/16 - 24

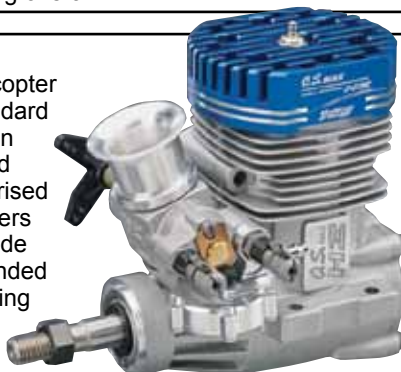


Displacement:	17.17cc (1.048cu.in.)	Power Output:	3.7PS @ 15,000 rpm
Bore:	29.0mm (1.142in.)	Practical RPM:	2,000 ~ 16,500 rpm
Stroke:	26.0mm (1.024in.)	Weight:	596.2g (21.03oz)

**L-OS18700 O.S. MAX 105HZ ..... £349.99**

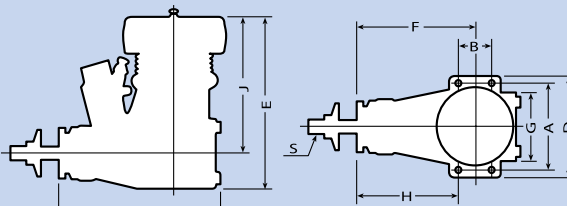
### O.S. MAX 105HZ-R

The ultimate O.S. 3D helicopter engine! Based on the standard 105HZ but with the addition of the O.S. 'DRS' regulated fuel system from a pressurised fuel tank, this engine delivers serious power in any attitude and under any load demanded by a '90' size 3D heli. Porting has been designed for high torque rather than ultimate horsepower. Use the matching Powerboost 105 pipe it will release even more power without heat build-up. Using 10% nitro fuel, it will deliver the same power as the 91HZ-R 3D does on 30%!!



Dimensions (mm):

A: 52  
B: 25  
C: 82.6  
D: 61  
E: 105.2  
F: 88.7  
G: 43  
H: 56.4  
J: 79  
S: UNF 5/16 - 24

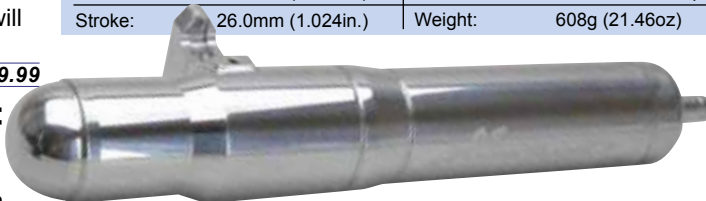


Displacement:	17.17cc (1.048cu.in.)	Power Output:	3.8PS @ 15,000 rpm
Bore:	29.0mm (1.142in.)	Practical RPM:	2,000 ~ 16,500 rpm
Stroke:	26.0mm (1.024in.)	Weight:	608g (21.46oz)

**L-OS18750 O.S. MAX 105HZ-R ..... £399.99**

### O.S. MAX 105HZ-R W/POWERBOOST PIPE

Identical to the regular 105HZ-R technically but supplied with the latest Powerboost 105 pipe. The pipe has been purpose designed to suit the 105HZ-R and will provide high power and torque across the RPM range without heat build up caused by restriction of gas flow.



**L-OS18751 O.S. MAX 105HZ-R w/Powerboost Pipe ..... £529.99**  
**X-OS72146000 Powerboost Pipe 105 ..... £199.99**

### HIGH FLOW FILLER VALVE

The new Ripmax Hi-Flow Filler Valve has been developed to meet the needs of those pilots flying large models powered by glow, petrol or jet engines, and enables safe and fast filling of even the largest fuel tanks. Of self sealing design, the Filler Valve is supplied complete with filling probe, which is used whilst filling or emptying the tank, this can be used with various types of tubing as dictated by the fuel in use. For a high flow rate, the Filler Valve's bore is a generous 3.0mm diameter.

As the materials used in the Filler Valve are resistant to almost any model fuel, the valve can even be used with smoke oil.



### O.S. GLOW PLUG TYPE 'RP8' (COLD)

Racing glowplug for .21 class on-road cars. Cold.



**L-OS71642080 O.S. Glow Plug Type 'RP8' (Cold) ..... £8.75**

Images show both sides of the valve. Supplied complete with probe and additional probes are available as spares.

**Ripmax**

**L-RMX-FV Hi-Flow Filler Valve Glo/Petrol/Jet ..... £19.99**  
**L-RMX-FVP Hi-Flow Filler Valve Spare Probe ..... £2.99**



# O.S. MOTOR



## HIGH POWER BRUSHLESS MOTORS - FROM O.S.!

Legendary O.S. quality and performance... but now in a brushless electric motor! The range has been designed so that it is easy to convert your IC model to electric without the guess-work, the smallest motor is equivalent to a .25 class 2-stroke and the largest, equivalent to a .90 class 4-stroke on a range of batteries from 3 to 8S.

This new range of brushless motors features a unique, O.S. designed cooling system, a strengthened centre body and large ball bearings. Of course the propeller driver has been machined from stainless steel for strength, accuracy and durability.

Each motor is balanced during manufacture for optimum running and reliability. Each is supplied with a rear mount and gold connectors as standard accessories.

The World's most innovative engine manufacturer for 75 years has just become the new name in brushless motors.



O.S. Motor	Diameter (mm)	Length (mm)	Weight (g)	KV (kv)	Shaft (mm)	Amps (A)	Li-Po (S)	Watts (W)
OMA-3820-1200	37.5	43.3	155g	1200	6	30~40	3~4S	440
OMA-3825-750	37.5	48.3	190g	750	6	35~40	4~5S	590
OMA-5020-490	50	52.5	350g	490	8	50~60	5~6S	1110
OMA-5025-375	50	57.5	405g	375	8	50~60	7~8S	1550

M-OS51011000	O.S. OMA-3820-1200 Brushless Motor .....	£54.99
M-OS51012000	O.S. OMA-3825-750 Brushless Motor .....	£54.99
M-OS51013000	O.S. OMA-5020-490 Brushless Motor .....	£84.99
M-OS51014000	O.S. OMA-5025-375 Brushless Motor .....	£94.99





**Ripmax**

**Dual Output!**

## POWER SUPPLIES

### POWER SUPPLY 13.8V 15A 200W TWIN OUTPUT

This new ProPeak dual-output, 13.8v, 200W, power supply is a high quality switch mode unit with a particularly smooth output current, making it suitable for use with almost all DC input chargers available today, even those that are sensitive in voltage. Most 12v nominal input chargers, such as those in the Ripmax range, are more than able to cope with the 13.8v DC output. The dual 4mm outputs allow easy connection of two units such as chargers, tyre warmers or battery warmers etc, to take advantage of the maximum current of 15 Amps/200W supplied. The case is moulded from tough plastic and therefore naturally insulated.

O-IP2001	Power Supply 13.8V 15A 200W Twin Output.....	£24.99
O-IP2001/EUR	Power Supply 13.8V 15A 200W Twin Output Euro ...	£24.99

**Dual Output!**

### POWER SUPPLY 30A 415W TWIN OUTPUT

The flexible, ProPeak dual-output, 13.8v, 415W power supply is a high quality switch mode power supply with a smooth output current, making it suitable for use with almost all DC input chargers on the market. The dual, 4mm outputs also have screw-clamp outputs, allowing flexibility in the way that external units like chargers are connected. With a useful 30A and 415W of power output, this power supply can be used as a stable source of DC output that is suitable for chargers or even testing smaller motors when the ESC is direct connected. By having a stable current, it is easier to understand motor performance when varying propellers etc.

O-IP2003	Power Supply 13.8V 15A 415W Twin Output.....	£54.99
O-IP2003/EUR	Power Supply 13.8V 15A 415W Twin Output Euro....	£54.99

**1000W Output!**

### POWER SUPPLY 12-30V 70A 1000W TWIN OUTPUT

This high power, ProPeak, dual-output, power supply is a top quality switch mode design that can deliver an output between 12 - 30v DC and up to 70A. Both the current and voltage can be adjusted using the large red LCD readout on the top. By precisely controlling both, you can accurately define exactly what is delivered to your charger or ESC etc. That 1000W output will cater for many motor/propeller combinations when testing. The 4mm/clamp connectors make 'hooking up' the item to be powered an easy operation and the dual outputs make it easier to utilise that 1000W of power to the maximum.

O-IP2005	Power Supply 12-30V 70A 1000W Twin Output .....	£174.99
O-IP2005/EUR	Power Supply 12-30V 70A 1000W Twin Output Euro ..	£174.99

**LCD Readout!**

**The New Range of Power Supplies from Ripmax!**



**TEMPO WATT METER**

If you had to pick one tool that every electric flier should have, a watt-meter would be it! The tempo allows you to fully analyse the output and consumption of your setup, enabling you to fine tune your aircraft for maximum power or duration. The Tempo is also a stand-alone LiPo balancer, and included is a JST-XH balance board, and deans extensions for the main power connection.

Input Power: 60V  
Max Current: 100A  
Min Voltage: 6.6V  
Dimensions: 105 x 53 x 20mm  
Weight: 120g

**PRO-PEAK****Ripmax**

O-IPMM1 Pro-Peak Tempo 3in1 Meter/Balancer .....£24.99

# SIGMA<sup>EQ</sup>

## 200 WATT HYPER

Intelligent Balance Charger

All those familiar with the hugely popular Sigma 2 charger will recognise the range of features offered by Pro-Peak chargers. This version, the Sigma EQ Hyper, offers all of the programming features with 4 times the power for charging larger batteries.

The Sigma EQ Hyper also includes a built-in AC power supply for charging at home. As an additional feature, there is a direct DC output from the power supply to power other DC chargers.



200 Watts,  
Metal Casing +  
AC/DC Capability =  
Sigma EQ Hyper!



Power Output: 200W  
LiPo/Li-Ion Charge: 1-6 Cells  
NiCD/NiMH: 1-18 Cells  
Pb (Lead-Acid): 2-24V  
Charge Current: 0.1-10A  
Discharge Current: 0.1-5A



O-IP3090 Sigma EQ Hyper AC/DC Charger .....£99.99  
O-IP3090/EUR Sigma EQ Hyper AC/DC Charger Euro .....£99.99



# HEX

**Ripmax**

Designed with the serious indoor flying enthusiast in mind, the HEX is capable of charging six 1S Li-Po packs at the same time and fully independently. Four sockets have a 300mA charge rate and two a 600mA charge rate. The sockets accept both the small E-Flite and Nine Eagles packs as standard (adaptor leads available). Input power can be from 7.5 - 18v DC making it compatible with a wide range of batteries and power supplies.

**Charge 6  
batteries  
independently  
at once!**



**O-IP3015 HEX 6 x 1S Li-Po DC Charger ..... £16.99**

This adaptor fits the Hex charger above, to charge mCPx batteries, and other 1S batteries with this connector.



**O-IPBAL-HXL1 Adaptor Lead for HEX - MCPX ..... £1.99**

This adaptor fits the Hex charger above, for 1S batteries fitted with a red "BEC" connector, such as those in the Axion range.



**O-IPBAL-HXL2 Adaptor Lead for HEX - RED JST ..... £1.99**

# Intellect

O-IT1S1P016025A1

O-IT1S1P016025A1

O-IT1S1P055025A

Expanding on the well-established, Intellect indoor Li-po range, these new 1S packs extend to cover both Nine Eagles micro model types with the 160mAh cell, the Nine Eagles Solo Pro 328 and E-Flite Blade 120SR with the 550mAh cell and the E-Flite Blade mCPx with the 250mAh cell. All deliver real 25C current to maintain on-load voltage and therefore performance. A real power upgrade for your indoor models!!

**O-IT1S1P016025A1 Intellect 1S 160mAh 25C Li-Po(2pcs)N1 ..... £7.99**

**O-IT1S1P016025A2 Intellect 1S 160mAh 25C Li-Po(2pcs)N2 ..... £7.99**

**O-IT1S1P025025A Intellect 1S 250mAh 25C Li-Po (2pcs) ..... £8.50**

**O-IT1S1P055025A Intellect 1S 550mAh 25C Li-Po ..... £4.99**

Part Number	Compatible with	Battery Type	Voltage	Capacity	Max. Cont. Discharge	Size (mm)			Weight (gms)	Price
						A	B	C		
O-IT1S1P016025A1	Nine Eagles Aero	Li-Po	3.7v	160mAh	25C	46	12	7	5g	£7.99
O-IT1S1P016025A2	Nine Eagles Heli	Li-Po	3.7v	160mAh	25C	46	12	7	5g	£7.99
O-IT1S1P025025A	E-Flite mCP-X	Li-Po	3.7v	250mAh	25C	43	19	7	8g	£8.50
O-IT1S1P055025A	E-Flite 120SR & Solo Pro 328	Li-Po	3.7v	550mAh	25C	57	19	6	14g	£4.99

## SKYRC I-METER

The I-meter from SkyRC is a multi-function measurement tool that combines a wattmeter, battery checker, temperature gauge, tachometer, servo tester and much more into one compact device. With all of these features packed in at a spectacular price, it is a tool that no modeller should be without!



**O-SKYIM SkyRC I-Meter ..... £44.99**

## XT60 CONNECTOR

A slimmer alternative to the 'Deans' type contemporary, the XT60 Connector provides secure connections and no chance of incorrect polarity connection thanks to the design. Available in packs of 2 or 10 pairs.



**Gold Plated  
Connectors!**

**O-RAX/02 XT60 Connector (2 Pairs) ..... £2.99**

**O-RAX/10 XT60 Connector (10 Pairs) ..... £13.99**



**Charge 4 Batteries  
Simultaneously!**



**SKYRC**

**AC or  
DC Input  
Capability!**

O-SKYCHB6QAC SKYRC IMAX Quattro B6 AC Charger ..... £189.99

Four B6+ chargers all built into one compact case, now mains AC or 12-18v DC input for even greater capability! Each charger has its own display screen and programming buttons for complete, independent control as well as its own balance port for Lithium type battery balancing and one balance board for XP and TP plugs is supplied (others are available as options). Two of the chargers have a temperature sensor socket which also doubles as a PC interface socket when option sensors and cables are used.

The Quattro is built into a sturdy aluminium case with extensive cooling fins and fan to handle the 50W charge per charger that it can handle. That's a total of 200W! Perfect for the modeller who is in need of charging batteries of different types simultaneously.

#### Specifications

AC Input:	100- 240v	Charge Current:	0.1 - 6.0A
DC Input:	11 - 18v	NiMH Cell Count:	1 - 15
Max Power:	50W x 4	LiPo Cell Count:	1 - 6
Max Discharge:	5W x 4	PB Battery Voltage:	2 - 20V

### GT POWER LIGHTING SETS

These light sets will add a level of scale realism to your models and are extremely easy to install. Using long life, super-bright (3 & 5mm diameter) LEDs, you won't fail to see any model they're installed in! All LEDs or LED combinations have separate plugs fitted, so can be moved around for different lighting effects!

**Set 1** is for aircraft and helicopters and features beacon, navigation and strobe lighting. Set contents: Main Control Board, 2 x White LEDs, 1 x Green LED, 1 x Red LED, 2 x White Strobe LEDs, 2 x Slow Flashing Red LEDs and Mounting Kit.

**Set 2** is for cars and features headlights, tail lights, steering signals and brake lights, all controlled from your transmitter! Set contents: Main Control Board, 2 x Y-Lead, 2 x White LEDs, 2 x Red LEDs, 2 x Orange LEDs and Mounting Kit.

**Set 3** is for cars and features 4 setting options; always on or one of three combination flashing sequences to mimic pace cars, low riders, monster trucks - the only limit is your imagination! LEDs can be switched around as required to suit different applications. Switch operated. Set contents: Main Control Board, 6 x White LEDs, 2 x Blue LEDs, 2 x Red LEDs, 2 x Yellow LEDs, 1 x Y-lead, 1 x Mode Selection Switch and Mounting Kit.

Input Voltage for all sets: 4.8-6V (Recommend 6V for maximum brightness). This can be from your receiver or a separate power source.

**Adds an extra touch of realism  
and drama to your model!**

C-GTLSC1	GT Power Car Lighting Set - Scale.....	£11.99
C-GTLSC2	GT Power Car Lighting Set - Flashing .....	£13.99
C-GTLSC3	GT Power Car Lighting Set - Wheels.....	£5.99
F-GTLSA1	GT Power Aircraft Lighting System .....	£10.99

CARS



AIRCRAFT



HELICOPTERS





### RIPMAX HI-ENERGY LI-PO BATTERIES

A range of the most popular Li-Po packs designed to offer great value for money yet still deliver good performance for most sports applications. All the cells in a pack are carefully chosen to match the impedance and therefore discharge evenly. This ensures that the pack stays in reasonable balance during discharge. If the cells are at the same voltage after discharge it then makes the re-charge faster and extends pack life. Cell connection is by ultrasonic welding with lead-free soldered power cables.

The main power leads fitted to each pack are suited to the maximum discharge current that the pack is capable of and are conveniently pre-fitted with a 'T' type connector. This style of connector is used by many aircraft, helicopter car and boat manufacturers as standard these days such as ST Model, DHK etc. The balance lead is the XH type, which is matched to all the Ripmax chargers and many others.

Part Number	Pack Type	Battery Type	Configuration	Voltage	Capacity	Max. Cont. Discharge	Size (mm)			Weight	Price
							L	W	H		
O-HE2S1P130025A	Standard	Li-Po	2S1P	7.4v	1300mAh	25C	85	30	12	70g	£11.99
O-HE2S1P220025A	Standard	Li-Po	2S1P	7.4v	2200mAh	25C	104	34	12	114g	£15.99
O-HE2S1P320025A	Standard	Li-Po	2S1P	7.4v	3200mAh	25C	130	42	14	180g	£34.99
O-HE2S1P400040C	Hard Case Car	Li-Po	2S1P	7.4v	4000mAh	40C	138	46	24	245g	£44.99
O-HE2S1P500040C	Hard Case Car	Li-Po	2S1P	7.4v	5000mAh	40C	138	46	24	283g	£54.99
O-HE3S1P130025A	Standard	Li-Po	3S1P	11.1v	1300mAh	25C	85	30	20	101g	£15.99
O-HE3S1P220025A	Standard	Li-Po	3S1P	11.1v	2200mAh	25C	102	34	20	161g	£19.99
O-HELPCF01	Standard	Li-Po	3S1P	11.1v	2200mAh	25C	102	34	20	161g	£19.99
O-HE3S1P320025A	Standard	Li-Po	3S1P	11.1v	3200mAh	25C	130	42	22	250g	£39.99
O-HE3S1P400040C	Hard Case Car	Li-Po	3S1P	11.1v	4000mAh	40C	138	46	37	360g	£64.99
O-HE3S1P500040C	Hard Case Car	Li-Po	3S1P	11.1v	5000mAh	40C	138	46	37	418g	£74.99
O-HE4S1P220025A	Standard	Li-Po	4S1P	14.8v	2200mAh	25C	102	35	28	205g	£27.99
O-HE4S1P320025A	Standard	Li-Po	4S1P	14.8v	3200mAh	25C	132	42	26	345g	£54.99
O-HE5S1P320025A	Standard	Li-Po	5S1P	18.5v	3200mAh	25C	130	42	35	409g	£69.99
O-HE6S1P220025A	Standard	Li-Po	6S1P	22.2v	2200mAh	25C	102	35	40	301g	£44.99
O-HE6S1P320025A	Standard	Li-Po	6S1P	22.2v	3200mAh	25C	130	42	40	481g	£84.99

### Futaba BATTERY CHECKER/BALANCER UNIVERSAL

The new Futaba BR-3000 Battery Checker is a sophisticated unit that can be used to check a wide range of battery packs of varying voltages, with Li-Po, Li-Fe and Li-Ion packs of 2-7 cells, and Ni-MH and Ni-Cd packs of 4-7 cells all being suitable for checking. Information such as total pack voltage and remaining capacity are available for all packs, whilst those using Lithium technology can also be checked for individual cell voltage, minimum and maximum cell voltage and cell voltage differences, as well as being able to take advantage of the included balance function.

**P-BR-3000 Battery Checker/Balancer Universal .....£34.99**

**Easy  
to  
use!**





**50 Watt Power!**



### SKYRC IMAX E6650 AC/DC CHARGER

A high performance charger, discharger and balancer that features 10 to 18V DC or 100 - 240V mains AC inputs and an impressive output of up to 6.0 Amps. With a maximum 50W charge power, it is suitable for Ni-Cd, Ni-MH and Lead Acid batteries, together with the full range of Li-Po, Li-Fe and Li-Ion batteries. Its compact dimensions mean it's practical to use at the field as well as at home. Supplied complete with mains and 12v input leads, port for optional temperature sensor, balance ports for 2-6 cell batteries.

O-SKYCHE6650 IMAXC e6650 AC/DC Charger.....£54.99

### SKYRC IMAX E6680 AC/DC CHARGER

If you fancy all the features of the e6650 above, yet require 30% higher power, look no further. SkyRC have given the e6680 an astounding 80 Watts of power - for under £60 - making it perfect for the those requiring even more power on a budget!

**80 Watts of Power for under £60!**



O-SKYCHE6680 SkyRC IMAXC e6680 AC/DC Charger.....£59.99

**New Power**

**High Performance!  
High Power!  
Incredibly Low Prices!**



Part Number	Type	Speed (4.8v)	Speed (6v)	Torque (4.8v)	Torque (6v)	Dimensions (mm)			Weight (gms)	Price
						A	B	C		
P-NEWXLD06	Digital	0.12s	0.10s	0.55kg	0.65kg	23	12.2	24	6g	£6.99
P-NEWXLD09	Digital	0.08s	0.06s	1.3kg	1.5kg	23.2	12	24.8	9g	£6.99
P-NEWXLD25HB	Digital	0.065s	0.045s	2.2kg	2.5kg	35.5	15	28.6	25g	£21.99
P-NEWXLD25HMB	Digital	0.11s	0.09s	3.4kg	3.8kg	35.5	15	28.6	32g	£24.99
P-NEWXL36	Standard	0.16s	0.14s	3.5kg	4.0kg	40.3	19.8	38.6	36g	£5.99
P-NEWXL37HB	Standard	0.16s	0.14s	6.0kg	7.0kg	39.9	19.8	47	37g	£8.99
P-NEWXLD37HB	Digital	0.16s	0.14s	6.0kg	7.0kg	39.9	19.8	47	37g	£11.99
P-NEWXL38HMB	Standard	0.16s	0.14s	9.0kg	11.0kg	39.9	19.8	47	42g	£12.99
P-NEWXLD38HMB	Digital	0.16s	0.14s	9.0kg	11.0kg	39.9	19.8	47	42g	£15.99
P-NEWXLD45HMB	Digital	0.16s	0.14s	14.0kg	15.0kg	39.9	19.8	47	50g	£17.99
P-NEWXLD100HMB	Digital	0.18s	0.16s	17.0kg	20.0kg	58.8	28.7	54.5	120g	£26.99

# T8FG SUPER

**Futaba**

The new and innovative Futaba 8FG is the perfect radio for those sport pilots looking to take the next step forward in their flying, as it offers full 8 channel FASST 2.4GHz performance, allied to trend setting new styling and fast and ultra simple programming with its unique touch sensor input.

- Big, 128 x 64 LCD with backlighting, adjustable contrast & auto-off.
- Touch sensor programming.
- 20-model memory (expandable with optional SD card).
- Ten character user name.
- Ten character model name.
- Basic and Advanced menus.
- Enhanced aircraft, heli & glider software.
- Mode 1-4 selectable (Modes 3 and 4 programmable).
- Assignable functions/switches.
- 2 proportional sliders.
- Digital trims on all 4 main channels.
- Fail-safe, servo reversing and EPA.
- Aircraft and heli gyro mixes.



**P-FP8FGS2-4G 14ch S3001x4 2.4GHz (N-Tx) R6208SB ..... £499.99**  
**P-T8FGS2-4G 14ch MM Transmitter 2.4GHz (N-Tx) ..... £329.99**

## FUTABA T6J

This brand new 6 channel system from Futaba is probably one of the most significant new radios for some time, incorporating as it does both FHSS and S-FHSS transmission modes, which allows the use of a wide and ever expanding range of receivers, including the new micro R2005GF unit. Supplied as standard as a dry battery combo together with the matching R2006GS six channel receiver, the transmitter can also be fitted with individual AA rechargeable cells or 4/5 cell battery packs. Packed with features normally only seen on much more expensive systems, these include 15 model memories, large 127 segment LCD screen, both aircraft and helicopter mixing functions, etc, etc, as well as a rotary auxiliary control, something that is lacking in most of its competitors. To improve still further the ease of programming the 6JG is provided with 3 buttons and 1 edit key, thus avoiding the endless scrolling through screens more basic systems require.



- 15 Model Memory.
- Throttle Cut.
- Model Type.
- Data Reset.
- Timer.
- Reverse on all functions.
- Sub Trim on all functions.
- Trainer function.
- Dual rates & Exponential.
- End Point Adjustment on all functions.
- Failsafe (all channels S-FHSS/ch3 FHSS).

**P-CB6JG2-4G/L 6ch Combo 2.4G FHSS (D) M2 R2006GS ..... £149.99**  
**P-CB6JG2-4G/R 6ch Combo 2.4G FHSS (D) M1 R2006GS ..... £149.99**





# Futaba T8J

Due for release in Spring 2012, the new Futaba 8J is the perfect radio for the keen pilot, and for those moving up from a 4 or 6 channel system. Easy to programme using the jog dial and input keys, the 8J comes packed with advanced mixing and control functionality, the software being intuitive and easy to navigate making programming a pleasure. With no less than 20 model memories and 10 character user and model names, the 8J offers great flexibility, an example being the auxiliary channels switch/VR operator selection option. Supplied complete with rechargeable transmitter battery and charger, the combo package also includes the new full range R2008SB receiver, which is S-Bus enabled as well as offering 8 conventional outputs, of course the existing R2006GS and micro R2106GF receivers can also be used with the 8J transmitter.

Futaba's new R2008SB receiver has been developed alongside the 8J (+ S-Bus) and is ideal for more advanced models where more than 6 channels are required.



- 20 Model Memory.
- Large 128 x 64 dot LCD w/LED Backlight.
- FHSS/S-FHSS Transmission Modes.
- Advanced Inbuilt Aircraft/Heli Mixing.

**2.4GHz**  
S-FHSS

- Rechargeable Tx Battery and Charger.
- Two Circuit Timer.
- Six Programmable Mixers.



<b>P-CB8J/L</b>	<b>8ch Combo 2.4GHz M2 R2008SB.....</b>	<b>£279.99</b>
<b>P-CB8J/R</b>	<b>8ch Combo 2.4GHz M1 R2008SB.....</b>	<b>£279.99</b>

# Futaba

# T18E





# 18MZ

Immerse yourself in a product so revolutionary that it has the potential to change the way 2.4GHz systems are designed. Combining the Futaba legacy with an 18-channel system is probably more than enough to make long-time fliers want to buy one. However, the 18MZ also offers the latest and best chapter in Futaba's 2.4GHz developments: new FASSTest (Expanded System Telemetry) technology, whilst also being able to operate on FASST and S-FHSS transmission systems (including the forthcoming Futaba Transmitter Ready models).

Powered by a 7.4V, 3500mAh Li-Po transmitter battery, the 18MZ is the first true 18-channel Futaba radio system ever. It comes with an R7000SB telemetry enabled receiver, a high-voltage design that operates up to 8 channels using the 8 standard PWM outputs or up to 18 channels (16 proportional + 2 digital) through the 18MZ's S-Bus port. That means a simpler setup and full support for S-Bus and S-Bus2 servos. As supplied the R7008SB receiver includes integral sensors for receiver voltage, signal strength and external voltage, with further separate sensors due to be available soon (see page 65).

Slide a card in the inbuilt SD slot and you have ample capacity for unlimited updates, model memories and sound/picture files. The 18MZ also has a built-in 0.3M megapixel camera eliminating the need for a digital camera or mobile phone. The transmitter includes a big, brilliant and backlit 6" touch screen with 640x240 resolution which provides sparkling clarity on remarkably little power.

The in-built S-Bus programming system allows the 18MZ to be used whilst setting up a model with S-Bus servos thus simplifying setups.

The functions outlined here are just the tip of the iceberg - making the Futaba 18MZ a must have for any serious pilot!

## Brief System Overview:

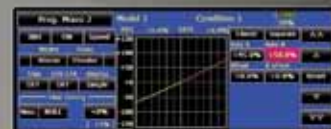
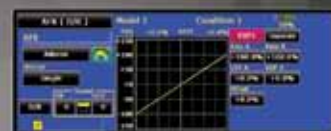
- S-FHSS/FASST/FASSTest Transmission Modes.
- Inbuilt Telemetry System.
- 18 Channels.
- Dedicated 2.4GHz Transmitter.
- Extended Operating Time of at Least 6 Hours.
- Unlimited Model Memories (Using Optional SD Card/s).
- S-Bus Servo Programming System.
- HVGA Soft-Touch Screen with LED Backlighting.
- Integral Camera.
- Visual and Audible Telemetry Outputs.
- FTR Compatible.



FASST Extended System Telemetry

Supplied with  
FASSTest technology  
R7000SB receiver.

P-CB18MZ/L	18ch Combo 2.4GHz M2 R7008SB	£2,499.99
P-CB18MZ/R	18ch Combo 2.4GHz M1 R7008SB	£2,499.99



## FUTABA HIGH VOLTAGE SERVOS

### S3051HV SERVO

A competitively priced high voltage digital servo offering good speed and torque figures, with 3-pole motor for general applications.



Torque:	10.5Kg.cm (7.4V)
Speed:	0.16 sec/60 deg (7.4V)
Dimensions:	40 x 20 x 38mm
Weight:	48g

### SBL256HV SERVO

For helicopter pilots that want only the best, the new BLS256HV tail servo really is the only choice, combining torque of 5.0Kg.cm with a breathtaking transit speed of only 0.05 sec. 60deg. For GY520/601/611/701/750 gyros only.



Torque:	5.0Kg.cm (7.4V)
Speed:	0.05 sec/60 deg (7.4V)
Dimensions:	40 x 20 x 36.8mm
Weight:	61g

### SBL174SBHV SERVO

This low profile servo is designed for aileron use, where its unusual shape makes installation into a thin wing simple. With a super fast speed and high torque, this servo is suitable for even larger size aircraft.



Torque:	9.6Kg.cm (7.4V)
Speed:	0.09 sec/60 deg (7.4V)
Dimensions:	47.5 x 27 x 25.4mm
Weight:	53g

### S9352HV SERVO

Developed specifically for high performance EP and GP car use and offering a huge 22.0Kg.cm torque allied to an amazingly fast transit speed of only 0.06 sec for 60 degree travel, as well as utilising a metal centre case.



Torque:	19.6Kg/cm (7.4V)
Speed:	0.07 sec/60 deg (7.4V)
Dimensions:	40.5 x 21 x 37.4mm
Weight:	72g

### SBL171SBHV SERVO

Intended for use in aircraft, either electric or I/C powered, the new BLS171SBHV servo offers a great specification alongside the options of high voltage operation and/or usage with Futaba's S-Bus system.



Torque:	11.8Kg.cm (7.4V)
Speed:	0.10 sec/60 deg (7.4V)
Dimensions:	40 x 20 x 34.8mm
Weight:	48g

### SBL175SBHV SERVO

This high performance servo is developed for general aircraft, and combines a speed of 0.12 sec for 60 deg. travel and 21Kg of torque, making it a very useful servo for a wide range of models.



Torque:	21Kg.cm (7.4V)
Speed:	0.12 sec/60 deg (7.4V)
Dimensions:	40 x 20 x 36.8mm
Weight:	66g

### S9353HV SERVO

Possibly one of the ultimate car servos, similar to the S9352HV but with additional features like a full aluminium case for maximum strength as well as greatly improved heat dissipation, making it perfect for high stress applications in vehicles such as rock crawlers.



Torque:	19.6Kg.cm (7.4V)
Speed:	0.06 sec/60 deg (7.4V)
Dimensions:	40.5 x 21 x 37mm
Weight:	77g

### SBL172SBHV SERVO

The new flagship in the extensive range of Futaba servos, the powerful BLS172SBHV servo has been developed for the large and powerful models that are becoming more popular.



Torque:	37Kg.cm (7.4V)
Speed:	0.11 sec/60 deg (7.4V)
Dimensions:	40.5 x 21 x 38.4mm
Weight:	74g

### SBL272SBHV SERVO

Helicopter pilots will certainly find this new servo of great interest as this servo has been produced to precisely match their needs, whether this be for a mid or large size heli, both electric or I/C powered.



Torque:	12Kg.cm (7.4V)
Speed:	0.08 sec/60 deg (7.4V)
Dimensions:	40 x 20 x 36.8mm
Weight:	60g

# Futaba

P-S3051HV	Servo HV Digital - 0.16s/10.5Kg.....	£39.99
P-S9352HV	Servo HV 0.06s/22.6Kg.....	£119.99
P-S9353HV	Servo High Voltage Metal U/Case-0.06s/22.6Kg.....	£179.99
P-SBL256HV	Servo High Voltage Heli Brushless - 0.05s/5.0Kg.....	£129.99
P-SBL171SBHV	Servo High Voltage Brushless S-Bus 0.13s/10.5Kg.....	£109.99
P-SBL172SBHV	Servo High Voltage Brushless S-Bus 0.11s/37.0Kg.....	£149.99
P-SBL174SBHV	Servo High Voltage Brushless S-Bus 0.11s/8.8Kg.....	£109.99
P-SBL175SBHV	Servo High Voltage Brushless S-Bus 0.12s/21.0Kg.....	£119.99
P-SBL272SBHV	Servo High Voltage Brushless S-Bus 0.08s/12.0Kg.....	£119.99



**FUTABA FASSTEST TELEMETRY****Futaba**

The new Futaba 18MZ radio incorporates telemetry as standard when used with the R7008SB receiver, offering on-board radio voltage, external voltage and signal strength data, however for those pilots needing even more information Futaba have developed additional telemetry sensors that connect to the R7008SB receiver.

Temperature sensor with a range from -20 to +200°C.

**P-SBS/01T FASSTest Telemetry Temp Sensor.....£59.99**

Magnetic RPM sensor with a range from 360 to 50,000 RPM.

**P-SBS/01RO FASSTest Telemetry Optical RPM Sensor...£39.99**

Optical RPM sensor with a range from 360 to 300,000 RPM (relative to no. of blades – 180,000 RPM with 2 blades)

**P-SBS/01RM FASSTest Telemetry Magnet RPM Sensor...£39.99**

Altitude/Variometer sensor (0 to 5,000 metre altitude and + 150 m/S Vario range)

**P-SBS/01A FASSTest Telemetry Air Pressure Sensor..£49.99**

**SERVO STD S-BUS/PWM 0.14S/30.6KG**

The most powerful S-Bus programmable servo available! The new S9075SB servo is exceptionally powerful - offering over 30 kg/cm torque - so is perfect for the most demanding applications.

Weight:	71g
Dimensions:	41 x 21 x 37mm
Speed:	0.14 sec/60° (6.0v)
Torque:	30.6kg/cm (6.0v)

**S.BUS**

**P-S9075SB Servo Std S-Bus/PWM - 0.14s/30.6Kg..... £129.99**

**R2106GF 6CH RX MICRO 2.4GHZ FHSS (AIR)**

This new 6 channel receiver is perfect for all type of park fly models, both fixed wing and helicopters. Weighing only 4 grams and with extremely compact dimensions this new FHSS receiver is already very popular!

Range:	300mm
Dimensions:	38 x 21 x 10mm
Weight:	4g
Voltage:	4.8 - 7.4V
Frequency:	2.4GHz FHSS
Channels:	6 Channels

**Futaba**

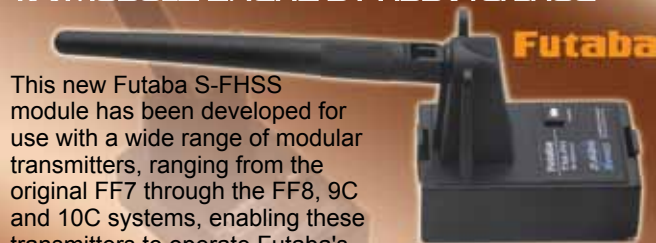
**P-R2106GF/2-4G 6ch Rx Micro 2.4GHz FHSS (Air)..... £29.99**

**S-BUS RX/GYRO LINK LEAD**

A standard link lead suitable for many applications and especially suited for S-Bus connection.

**Futaba****S.BUS**

**P-SBC-LEAD S-Bus Rx/Gyro Link Lead.....£2.99**

**TX MODULE 2.4GHZ S-FHSS 7/8/9/10C**

This new Futaba S-FHSS module has been developed for use with a wide range of modular transmitters, ranging from the original FF7 through the FF8, 9C and 10C systems, enabling these transmitters to operate Futaba's new S-FHSS low cost receivers and the brand new FTR series of aircraft and helicopters.

**P-FTM/FH Tx Module 2.4GHz S-FHSS 7/8/9/10C.....£79.99**

**PS-10 RECEIVER POWER REGULATOR (10A)**

Perfect for those wanting to take advantage of the light weight and high capacities of the latest Li-Po and Li-Fe battery packs, but running 4.8-6.0v receivers and servos, the new PS-10 voltage regulator from Futaba converts input voltages from 6.0v to 12.6v to a constant 5.2v output to the receiver/servos, with a maximum continuous current of 7.0Amps and peak of 13.0Amps. A bonus is the increase in receiver/servo reliability due to the non varying nature of the output voltage, eliminating the high initial peak voltage of a freshly charged battery.

**Futaba**

**P-RPS-10 Receiver Power Regulator (10 Amps)..... £64.99**

**R6203SBE/2-4G 3/18CH RX (S-BUS)**

Primarily developed for helicopter usage but equally suitable for fixed wing models, this tiny new mid range FASST receiver weighs only 6.3g, but in S-Bus mode it offers 18 channel output! (3 channels in PWM mode) and is designed for small to medium sized models.

Wingspan:	6.3g
Channels:	3 (PWM)/18 (S-BUS)
Dimensions:	22.5 x 37.4 x 9.3mm

**S.BUS****Futaba**

**P-R6203SBE/2-4G 3/18ch Rx (S-Bus/Mid Range) 2.4GHz £59.99**

**SBE-1 S-BUS ADAPTER GY750****Futaba****S.BUS**

The new SBE-1 S-Bus Encoder is designed to interface between a receiver with standard outputs and the GY-750, converting the normal receiver output to the digital input stream required by the gyro, thus enabling standard Futaba and other manufacturer's receivers to be used.

**P-SBE-1 S-Bus Adapter GY750..... £49.99**

A great set of useful tools for any modeller. This set Includes:

- Consisting of 10pc 25mm bit assortment PH1, 2, 3. Slot 4, 6, 7mm, Star T10, T15, T20 & adaptor
- Magnetic tip screwdriver bit handle
- Mini long nose pliers, mini side cutting pliers, tweezers
- 4 sockets 1/4" drive 7, 8, 9, 10mm, 75mm extension bar
- 6 precision screwdrivers 4 Slot & 2 Crosspoint



**T-RO-36039 26Pc Mini Trifold Tool Kit.....£6.99**

- Manufactured with selected steel Handles and precision ground tips
- Includes slotted 0.9, 1.2, 1.4, 1.8, 2.4, 3.0mm, PH00, 0, 1, awl and a pin punch.



**T-RO-28249 11pc Precision Screwdriver Set w/Tweezers.....£2.99**

Long blades for reaching recessed screws in electronic equipment.

- Slotted 2.4 x 75, 3.0 x 100, 4.0 x 150mm
- Crosspoint PH00 x 7.5, PH0 x 100, PH0 x 150mm



**T-RO-28219 6pc Long Precision Screwdriver Set.....£3.99**

An indispensable aid for model makers, DIYers or professionals. With adjustable joints for versatile adjustment in all directions. Complete with 60mm glass magnifying lens.



**T-RO-60335 HD Helping Hands with 60mm Magnifier.....£5.99**

Drop forged and chrome plated frame Wooden handle. Used for cutting intricate shapes and its blade can be turned through 360° for increased flexibility.



**T-RO-58289 Coping Saw w/5 Blades - 165mm.....£6.50**

A pair of compass cutters designed for cutting circles in rubber, gasket material, leather, paper and vinyl. Simply unscrew to a radius position and secure the cutters can create circles from 10 - 150mm in diameter.



**T-RO-62949 Compass Cutter w/6 x Spare Blades.....£3.50**



Protects desk, table and bench top surfaces. Non slip surface remains smooth for hundreds of cuts and helps to preserve the life of knife blades. Available in 3 handy sizes.

**T-RO-60809 A2 Cutting Mat - 450 x 600mm.....£12.99**  
**T-RO-60807 A3 Cutting Mat - 450 x 300mm.....£6.99**  
**T-RO-60804 A4 Cutting Mat - 300 x 200mm.....£3.99**

Quality stainless steel rule graduated in cm/mm on the upper edge and 1/64", 1/32", 1/16" and 1/8" on the lower edge. Complete with conversion scales on reverse showing in-mm, WW-UNF, and tap drill sizes.



**T-RO-50824 Stainless Steel Ruler - 300mm.....£2.50**  
**T-RO-50826 Stainless Steel Ruler - 600mm.....£4.99**

Great value drop forged pliers, and double dipped soft handles for added comfort.



20214  
Combination



20210  
Long Nose



20211  
Needle Nose



20215  
Side Cutters

**T-RO-20214 Mini Combination Pliers.....£1.99**  
**T-RO-20211 Mini Needle Nose Pliers.....£1.99**  
**T-RO-20210 Mini Long Nose Pliers.....£1.99**  
**T-RO-20215 Mini Side Cutting Pliers.....£1.99**



# AERO T<CH

## AERO T<CH EPOXY 50ML

Specially formulated epoxy for bonding composite mouldings. Non-drip. Use with Aero T<ch dispenser gun and mixing nozzle. Forms high strength joints and fillets. Gels in 3-4 hours and sets in 24 hours.



S-SE55 Aero Tech 50ml Epoxy ..... £14.50

## AERO T<CH DISPENSER

Special dispenser gun for Aero T<ch and similar twin epoxy syringes.



S-SE57 Aero Tech Dispenser ..... £34.99

## AEROT<CH EPOXY NOZZLES

Specially designed auto-mix nozzles for use with Aero T<ch epoxy ensuring thorough mixing & maximum strength.



S-SE58 Aero Tech Auto Mix 8cm Nozzles (Pk5) ..... £5.99

## PLASTIC MAGIC

The new, safer formula Plastic Magic is a liquid solvent glue that produces invisible glue lines. Plastic Magic bonds nearly all commonly used modelling plastics including polyester, styrene, ABS, PVC, Butyrate and Polycarbonate.



S-SE54 New Formula Plastic Magic 50ml..... £4.25



## ROKET PLASTIC ADHESIVE

Supplied with a fine point applicator and anti-clog tip, Rocket Plastic Glue is a safe, non-toxic, alternative to liquid plastic cement. Its safe, non-flammable formula has little odour and is water washable. Its superfine anti clog tip and delayed 8-10 second action gives more working time when bonding model kit plastics. Bonds styrene, polyester, butyrate, and ABS. Bond speed varies with plastic type and temperature.

S-SE52 Rocket Plastic Adhesive 30ml..... £4.99



# AERO T<CH

**Specially Finished Self-Mix!**

## AERO T<CH EPOXY 25ML

Specially formulated for bonding composite mouldings. Its non-drip formulation forms visible joints and fillets for increased joint strength. Supplied in a self-mix syringe that dispenses resin and hardener in equal amounts that need to be thoroughly mixed. No auto-mix nozzle required. Gels in 3-4 hours and sets in 24 hours.

S-SE56

Aero Tech 25ml Epoxy ..... £7.99



## PERFECT PLASTIC PUTTY

Fast drying superfine plastic filler. Fills and finishes to invisible seams in minutes. Simple water clean-up.

- Ultra-smooth finish
- Fills deep cavities
- Takes paint easily
- Low odour



S-SE59 Perfect Plastic Putty 40ml ..... £4.50



## ROKET RE-CAP

Replacement caps and tips to make your Roket glue flow like new. Fits Roket CA, Card Glue and Super'Phatic!

S-SE60

Roket Re-Cap ..... £2.50



## EZE DOPE

Featuring a safe non-flammable formula which has little odour, Eze Dope is super thin and is easily brushed to shrink tissue, drying quickly to a traditional, tough, fuel proof, semi matt finish. With a covering range of 5 sq metres from its 250ml quantity, it goes a long way!

S-SE53

Eze Dope 250ml..... £6.99



# HAWKER HUNTER



**Super Scale...  
Super Flyer!**

## FLYING LEGENDS HAWKER HUNTER

This superb 1/6th scale replica of the world famous Hawker Hunter is of fully moulded composite construction and is designed to suit turbines of 80 to 120 Newtons thrust levels. Developed from the original design of world famous scale modeller Mick Reeves, a great deal of work has been expended to produce an accurate scale model that can be owned and flown by any competent model jet pilot. Supplied pre-painted in characteristic RAF colour scheme, much of the detailed work has been completed at the factory, including the installation of the retractable undercarriage, scale oleo legs and wheels, as well as all undercarriage doors, rear fuselage airbrake and operating rams. Optional extras include a fully detailed and finished cockpit interior and drop tanks, as well as a stainless steel twin wall tailpipe.

**Q-FL150 Flying Legends Hawker Hunter MkVI.....£2,399.99**

**Factory Pre-Painted and  
Undercarriage Installed!**



Wingspan:	1730mm (68")
Length:	2360mm (93")
Weight:	12-13Kg (26.5 - 28.5Lbs)
Radio:	8 Channel Minimum (8 - 10 Servos)
Turbine:	80 - 120 Newton Thrust

## OPTIONAL ACCESSORIES



To add even greater visual appeal to the superb Hawker Hunter Mk IV simply fit this fully detailed, pre-assembled and painted scale cockpit. (Pilot not included)

**Q-FL150/SC Hunter Scale Cockpit ..... £149.99**

Designed to suit most 80-120 Newton thrust turbines, this twin wall pipe has been developed for the Hunter.

**Q-FL150/TP Hunter Tailpipe (80-120) .....£109.99**

Hunters were frequently flown with drop tanks, so we have produced these accurate scale drop tanks which are supplied complete with mounting pylons, all being pre-painted.



**Q-FL150/DT Hunter Drop Tank Set.....£89.99**

**PRE PAINTED | FULLY COMPOSITE | INCLUDING HARDWARE**

Due to the specialised nature of the Hunter it will only be available from a limited number of model shops, details of these will be available at [www.ripmax.com](http://www.ripmax.com)





[www.ripmax.com](http://www.ripmax.com)

This Catalogue has been produced entirely in-house by the Ripmax Graphics Department.

**Published by:**

Ripmax Ltd,  
241 Green Street,  
Enfield,  
EN3 7SJ.  
Tel: +44 (0) 20 8282 7500  
Fax: +44 (0) 20 8282 7501  
[www.ripmax.com](http://www.ripmax.com)

**Designed and Created by:**

Bob Petrie, Richard Millen,  
Alex Ottway and Alan Wood

**Compiled by:**

Nick Moss, Mark Wood, Jon Wesley and Colin Straus







**Ripmax**

Ripmax Ltd, 241 Green Street,  
Enfield, EN3 7SJ. [www.ripmax.com](http://www.ripmax.com)